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Economic Indicators: The Utah Economic Business Review

by *Mickee Roll,* Research Assistant

One result of the rapidly increasing complexity of society today, reflecting the magnitude of changes occurring, is that intelligent decision making by households, business and/or government is dependent upon reliable, timely data and information. Providing indicator data on economic and business conditions for Utah and designated areas within the State has been one of the principal objectives of the Utah *Economic and Business Review.* This objective, as stated in the first issue of the *Review,* published by the Bureau of Economic and Business Research in December of 1941 was to: ". . . accumulate a growing body of information on the basic features of the economic and business activities in Utah . . . and as other numbers appear (make) a more and more complete file of basic data available for reference."[1]

In that first issue the Bureau announced plans to publish monthly; however, the manpower and paper shortages that were a result of World War II interrupted that publication schedule. The *Review* was then published quarterly from 1948 through the first quarter of 1949; and, since June 1949, has been issued on a monthly basis. First editor of the *Utah Economic and Business Review* was Dr. J. R. Mahoney, who was also first director of the Bureau of Economic and Business Research and who continued his association with the Bureau on active and emeritus status until his death earlier this year. (See accompanying tribute.)

IN MEMORIAM

Dr. J. Rolla Mahoney
1894-1979

With the death of Dr. J. Rolla Mahoney comes the close of a long and productive career in education and economic research into the development of the natural resources of Utah and the West. Citizens of this part of the United States are the beneficiaries today of a lifetime of work by Dr. Mahoney. He not only left his mark as a scholarly, dedicated researcher, but he was an organizer and a policy maker as well.

Dr. Mahoney had a broad interest in public education, serving a term as president of the Utah Education Association. During this time, he was instrumental in creating, through the Uniform School Fund, a system of equalizing taxes and school expenditures throughout the State – a system that is recognized today as one of the finest in the nation. Through his efforts, the universities and colleges of Utah receive each year a substantial amount of revenue from federal mineral leases for research purposes.

[1] *Utah Economic and Business Review*, Vol. 1, No. 1, December 1941.

Dr. J. Rolla Mahoney
Director of the Bureau of Economic and Business Research
1932-1949

A professor of economics at the University of Utah from 1926 to 1966, Dr. Mahoney held professor emeritus status until his death earlier this year. When the University's Bureau of Economic and Business Research was established in 1932, Dr. Mahoney became its first director, serving in that office until 1949. His major research interests were the economics of natural resources, public lands, minerals, and water, and he prepared and published many scholarly reports in these areas. Dr. Mahoney's work was a major factor in the locating of United States Steel Company's Geneva plant in Utah.

Extensive studies by Dr. Mahoney on the navigability of the Green and Colorado River systems led to federal negotiations which resulted in the awarding of title to large portions of the beds of these waters to the State of Utah, thus making available to the people of Utah extensive mineral and other resources.

The talents of Dr. Mahoney were recognized nationally, and he served for several years as chairman of the National Education Association's School Finance Committee. He also served from 1947 to 1955 as a Senior Specialist in the Legislative Reference Service of the Library of Congress, advising national legislators on the economies of natural resources – particularly those in the Western states.

In 1955, Dr. Mahoney returned to Utah from Washington, D.C., and from this time until his death he continued his research on problems of water resources and public lands. For all of this – and much more – the State of Utah and the Nation owe a special debt of gratitude to Dr. J. Rolla Mahoney.

Economic Indicators: (continued)

Single copies of the Review are distributed free of charge to over 4,000 information users throughout the State of Utah as a community service by the University of Utah. The statistics section provides economic indicator data pertaining to the Utah economy not available in any other one source. From time to time during the past 38 years, the *Review* has updated and revised the format and data presented on the statistical pages to provide as much information and coverage of the State as possible given the available data.

Some revisions in the data series are being made beginning with this issue. This article outlines the data series to be published in future months and identifies the major changes being made. Since that first issue, the *Review* has presented State-wide data under the headings of Agriculture, Production, Finance, Employment, Construction and Local Business Activity in the selected cities of Salt Lake, Ogden, and Provo. In the future, the *Review* will continue to present data that will reflect the growth and economic activity in these cities as well as other regions of the State. For regional classification, the Governor's designated seven multi-county districts will be used. These areas were created by executive order on May 27, 1970,[2] and are used by most State agencies, and federal agencies where practical, for planning, administrative and other purposes.

Regional Designation

The Multi-county districts (MCD), and the counties that comprise each district are as follows.

1. Wasatch Front District – Salt Lake, Davis, Weber, Tooele, and Morgan Counties
2. Mountainland District – Utah, Wasatch, and Summit Counties
3. Central Utah District – Juab, Millard, Sanpete, Sevier, Piute, and Wayne Counties
4. Uintah Basin District – Duchesne, Daggett, and Uintah Counties
5. Bear River District – Box Elder, Cache, and Rich Counties
6. Southeastern District – Carbon, Emery, Grand, and San Juan Counties

[2] *Utah Multi-County Districts for Planning and Development*, State Planning Coordinator, Office of Governor Calvin L. Rampton, 1971, Appendix A, p 47.

7. Southwestern District – Beaver, Iron, Washington, Garfield and Kane Counties

MCD Statistical Data

The data presented for each MCD will be

1. Non-Agricultural Employment
2. Authorized Permit Construction
3. New Dwelling Units
4. Postal Receipts
5. Telephones in Use
6. Natural Gas Customers
7. Electric Power Customers

Non-Agricultural Employment

The non-agricultural employment figure is the number of jobs held by individuals as reported by the Utah Department of Employment Security in its monthly publication, *Employment Newsletter.*

Authorized Permit Construction and New Dwelling Units

Authorized permit construction figures give the dollar value and new dwelling units list the number of residential and non-residential buildings for which permits are authorized. Permit data are obtained from the *Utah Construction Report* published quarterly by the Bureau of Economic Research in cooperation with F. W. Dodge Division, McGraw-Hill Information Systems Company.

Postal Receipts

Total postage receipts, reflecting both sales and metered mail, are obtained from reporting post offices in selected cities within the MCDs.

Telephones in Use

Cooperating telephone companies report to the Bureau of Economic and Business Research the number of main stations in service within the State. (A main station is the telephone line, less extensions, and represents the number of telephone lines for both business and residential use.)

Electric and Natural Gas Customers

The number of natural gas customers and electric customers is reported by participating fuel companies and electric companies, respectively. The geographical divisions reported by those companies do not in all cases follow MCD boundaries, but do correspond to general areas.

Department Store Sales

For the Wasatch Front MCD only, a figure published by the U.S. Department of Commerce, Bureau of the Census, entitled Monthly Department Store Sales will be included. This number excludes Morgan County, but will cover the reporting retail trade of 26 department stores in the remaining counties in that MCD.

Classification of department stores is based on criteria described in the *1972 Standard Industrial Classification Manual* published by the Office of Management and Budget. In summary, a retail store is defined as a department store if it has 25 or more employees and sells items in each of the following lines of merchandise: (1) furniture, home furnishings, appliances, radio and T.V. sets; (2) a general line of family apparel; and (3) household linens and dry goods; but with no one of the three categories accounting for as much as 80 percent of total sales. "Discount Stores" are included providing they meet the criteria described above.

State-Wide Statistical Data

The State-wide statistical data will continue to consist of the general area headings of Agriculture, Employment, Construction, Production and Finance. Two sections, Tourism/Travel and a General (or miscellaneous) data grouping, have been added.

The year-to-date business statistics, formerly appearing as a separate section, has been eliminated. As a cumulative figure, a 12-month average for the current year, previous year, and percent change column, will replace year-to-date figures and will appear on the same line as the monthly data. This format change will facilitate data scrutiny and improve comparability among time series.

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Agriculture

The agriculture data available for publication includes 1) Cash Receipts from Farm Marketing, 2) Average Prices Received by Farmers, and 3) Livestock Slaughtered. The average prices received by farmers for wheat and eggs is no longer available. This deletion is the only change from data previously published.

Cash Receipts from Farm Marketings

The cash receipts figure is the total of (a) livestock and livestock products, and (b) crops. These data are published monthly by the U.S. Department of Agriculture; Economics, Statistics, and Cooperatives Service in their publication *Cash Receipts from Farm Marketing by State.*

Average Prices Received by Farmers

The USDA's Utah Crop and Livestock Reporting Service in Salt Lake City details in their report, *Utah Agriculture Prices,* the averages of prices for all grades and qualities of each item at all locations and methods of selling. The prices refer to sales occurring about the 15th of the month except for milk which is an average for the month. Besides milk, prices for beef steers and heifers, turkeys, lambs and baled alfalfa hay are reported.

Livestock Slaughtered

The Utah Crop and Livestock Reporting Service is also the source for the Utah totals for livestock slaughtered. The live weight listing reports sheep and lambs, hogs and pigs, cattle and calves.

Finance

The time series data as presented in the past will be continued. These data include total loans, investments, demand deposits, time deposits, and other demand deposits of member Federal Reserve banks; savings deposits of savings and loan institutions, the sale of series E and H savings bonds, and the number of new corporations.

In addition to the total tax collection figure, sales and use tax, motor fuel tax, individual income tax and corporation franchise tax will be reported.

Loans, Investments, Deposits, Total, Utah Member Banks

From the Federal Reserve Bank of San Francisco, Statistical and Data Services Department, the monthly bulletin FR 2635X-2 is used as the source for this item. Included are total loans, investments, a total deposit figure and its components (demand deposits, time deposits, and other demand deposits – which combines U.S. Government and other). This information is a consolidation of twelfth district member banks in the State of Utah.

Savings, Savings and Loan Associations

The Salt Lake savings bond department of the U.S. Department of Treasury reports total E and H Series bond sales on a monthly basis.

New Corporations

This is the number of new corporations filed with the Secretary of State's office and includes profit, non-profit, and foreign corporations in the State of Utah.

Tax Collections by the State of Utah

In previous issues only the total tax figure has been reported. Beginning with this issue, sales and use tax, motor fuel tax, individual income tax, and corporate franchise tax are included as monthly figures. This information is obtained from the Revenue Accounting Division of the Utah State Tax Commission, Report TC-23 and TC-18.

Employment

The series on employment data will continue, listing civilian labor force (total employed persons and unemployed persons) and combined as a percentage of total labor force. Employees on nonagricultural payrolls broken down by industry will be reported. Average weekly hours for manufacturing, mining, contract construction, and wholesale and retail trade as well as unemployment compensation will be published monthly. The source for all employment data is the Utah Department of Employment Security, *Employment Newsletter.*

Construction

State-wide construction data remain unchanged. The total construction, residential construction, non-residential construction and public works and utilities data are collected and provided to subscribers of the F.W. Dodge Division, McGraw-Hill Information Systems Company, *Construction Potentials*. The State authorized permit construction numbers are reported to the Bureau of Economic and Business Research each month by building inspectors and county or city clerks and published quarterly in the *Utah Construction Report*.

Tourism/Travel

The section on Tourism/Travel is a new addition to the statistics pages of the *Review*. The four categories of information will present first time data pertaining to the growing tourism and travel trade in the State.

Air Passengers

Total number of passengers both departing (on) and arriving (off) on scheduled airlines, non-scheduled, and charter flights are reported. The source is the Salt Lake International Airport.

Highway Traffic Count Across State Lines

The Utah Department of Transportation, Travel Analysis Unit, issues a traffic bulletin each month detailing traffic volume at 64 permanently operated traffic recording stations located on the various highway systems throughout the State. Major highways leading into the State have been selected and that figure presented as an indicator of traffic across State borders.

Transient Room Taxes

These data are taken from the State tax collections, Utah State Tax Commission, Report TC-23, and included as a measure of commercial lodging and barometer of State travel.

Visits to State and National Parks and Monuments

Visitation records are kept for the State units by the Division of Parks and Recreation and for the federal units by the National Park Service.

General

Under the heading "General" are grouped miscellaneous data. New car and truck sales information (including foreign) is obtained from the Utah Automobile Dealers Association. New categories added under the General heading are telephone, electric power and natural gas customers (business, residential/commercial). Cooperating utility companies throughout the State furnish these statistics.

Production

Utah possesses an abundance of natural resources, particularly minerals and energy fuels. Production data on these natural resources has been a part of the *Review's* statistic pages from the beginning. As more and more emphasis is put on the development of natural resources, Utah's contribution of essential raw materials and energy sources will be particularly revealing as to the economic activity taking place in the State.

Net Electric Power Utilized

Cooperating Utah power companies and power generating firms individually report each month the power generated within their system. This figure is the composite number reflecting their input.

Crude Oil to Refineries

The total month's receipts of crude oil to Utah refineries (listed in thousands of barrels) is given each month by participating refineries to the BEBR.

Crude Oil Production and Natural Gas Production

The source for both the crude oil and natural gas production is the monthly report compiled by the State of Utah, Division of Oil, Gas and Mining.

Coal Production and Copper Production

Coal and copper are important minerals for the economic development of Utah. The future of several counties in the State rests upon the utilization of their coal resources; and as the world copper market is recovering after the slowdown of the past several years, both industries face periods of rapid expansion.

The weekly coal report, distributed as part of the *Energy Data Reports* that are issued by the U.S.

Utah Business Statistics

Statewide Statistical Data

	May 1979	April 1979	May 1978	% Chg. From Year Ago	12 Mo. Average Ending May 1979	12 Mo. Average Ending May 1978	% Chg.
Agriculture							
Cash Receipts from Farm Marketings (thous. of dol.)*	42,787	38,300[r]	29,182	46.6	40,460	31,465	28.6
Livestock and Livestock Products (thous. of dol.)	31,053	33,063[r]	25,075	23.8	31,832	24,457	30.2
Crops (thous. of dol.)	11,734	5,237[r]	4,107	185.7	8,628	7,203	19.8
Avg. Prices Rec'd by Farmers (15th of each mo.)(dol.):							
Beef Steers and Heifers (cwt)	75.9	79.4	53.6	41.6	62.3	41.4	50.5
Lambs (cwt)	63.5	63.1	59.1	7.4	61.1	54.3	12.5
Turkeys (per lb.)	.44	na	na	x	.48	.38	26.3
Milk, Wholesale (cwt)	11.4	11.4	9.7	17.5	10.9	9.6	13.5
Alfalfa Hay, Baled (per ton)	52.50	52.0	50.5	4.0	48.8	56.6	−13.8
Livestock Slaughtered (live weight):							
Cattle (thous. of lbs.)	15,060	13,284	17,084	−11.8	17,398	21,393	−18.7
Calves (thous. of lbs.)	–	–	–	x	20	41.7	−52.0
Sheep and Lambs (thous. of lbs.)	212	189	237	−10.5	211	231	−8.7
Hogs and Pigs (thous. of lbs.)	2,377	2,285	2,006	18.5	2,067	2,410	−14.2
Finance							
Loans, Total, Utah Member Banks (mil. of dol.)[a]	2,954	2,947	2,831	4.3	2,920	2,528	15.5
Investments, Total, Utah Member Banks (mil. of dol.)[a]	849	840	785	8.2	807	739	9.2
Deposits, Total, Utah Member Banks (mil. of dol.)[a]	3,799	3,779	3,596	5.6	3,682	3,232	13.9
Demand Deposits of Banks, Total, Utah (mil. of dol.)[a]	57	47	58	−1.7	54	51	5.9
Other Demand Deposits, Total, Utah (mil. of dol.)[a]	1,153	1,133	1,163	−0.9	1,146	1,068	7.3
Time Deposits, Total, Utah (mil. of dol.)[a]	2,589	2,599	2,375	9.0	2,483	2,113	17.5
Savings, Savings and Loan Association (mil. of dol.)[b]	1,589.0	1,579.7	1,400.9	13.4	1,502.9	1,374.4	9.3
Sale of U.S. Savings Bonds–Series E, H (thous. of dol.)	2,617	1,713	2,592	1.0	2,286	2,767	−17.4
New Corporations (no.)	429	323	432	−0.7	412	372	10.8
Tax Collections by the State of Utah (thous. of dol.)							
Total Tax Collections	159,557.2	40,775.5	125,546.3	27.1	6,728.1	5,712.9	17.8
Sales & Use Tax	35,222.6	2,951.5	68,928.9	−48.9	2,632.5	2,126.0	23.8
Motor Fuel Tax	9,187.4	1,291.6	4,324.7	112.4	561.0	398.6	40.7
Individual Income Tax	55,861.7	18,812.7	40,095.7	39.3	2,197.7	1,737.6	26.5
Corporation Franchise Tax	7,860.6	12,613.7	6,918.2	13.6	317.9	274.0	16.0
Employment							
Civilian Labor Force (thous.)	615.4	613.8	583.0	5.6	602.0	566.2	6.3
Total Employed Persons	592.0	589.1	561.4	5.5	574.3	537.6	6.8
Unemployed	23.4	24.7	21.5	8.8	27.5	28.6	−3.8
Percent Total Labor Force	3.8	4.0	3.7	2.7	4.6	5.0	−8.0
Employees on Nonagricultural Payrolls (thous. of jobs)	556.3	553.1	523.4	6.3	538.3	502.9	7.0
Manufacturing	84.5	83.2	77.9	8.5	82.9	76.2	8.8
Mining	17.6	17.5	16.1	9.3	16.9	14.7	15.0
Contract Construction	36.8	35.5	35.5	3.7	35.6	33.6	6.0
Transportation, Communication and Utilities	34.1	31.3	31.6	7.9	32.7	30.2	8.3
Wholesale Trade	34.7	34.4	31.5	10.2	32.9	29.9	10.0
Retail Trade	98.9	98.0	95.2	3.9	97.7	92.1	6.1
Finance, Insurance and Real Estate	25.9	25.9	24.1	7.5	25.1	23.2	8.2
Services[c]	96.0	98.8	88.1	9.0	94.2	86.1	9.4
Federal Government	37.0	37.3	37.4	−1.1	36.8	36.6	0.5
State Government[d]	31.6	32.0	32.4	−2.5	31.6	3.3	
Local Government[d]	58.0	57.4	53.7	8.0	53.6	49.1	9.2
Average Weekly Hours:							
Manufacturing	38.2	38.7	39.3	−2.8	39.2	39.8	−1.5
Mining	39.6	39.6	43.0	−7.9	42.0	42.4	−0.9
Contract Construction	36.8	37.1	38.6	−4.7	37.9	41.3	−8.2
Wholesale Trade	37.1	37.5	37.1	0.0	37.3	35.7	4.5
Retail Trade	27.5	28.1	27.7	−0.7	28.0	29.3	−4.4
Amount of Unemployment Comp. (thous. of dol.)	3,701.3	3,929.7	2,791.2	32.6	3,745.4	3,299.4	13.5
Construction							
Total Construction (thous. of dol.)	123,543	141,791	111,673	10.6	111,962.4	96,138.4	16.5
Residential	78,749	73,464	68,865	14.4	60,045.4	58,349.5	2.9
Nonresidential	29,935	65,963	33,749	−11.3	37,451.0	27,345.2	37.0
Public Works and Utilities	14,859	2,364	9,061	64.0	14,466.0	10,443.8	38.5
Total Permit Construction (thous. of dol.)[e]	131,571.8	119,716.4	113,389.0	16.0	96,164.9	91,993.5	4.5
Residential	72,888.8	64,553.9	80,543.3	−9.5	56,821.2	63,851.8	−11.0
Nonresidential	50,939.2	47,841.7	26,985.7	88.8	33,095.8	22,464.1	47.3
Additions, Alterations and Repairs	7,743.8	7,320.8	5,860.0	32.1	5,973.6	5,677.6	5.2
New Dwelling Units (no.)	1,714	1,869	2,323	−26.2	1,563	1,972	−20.7
Tourism/Travel							
Air Passengers (total no. on and off)	351,477	358,727	332,840	5.6	372,799	323,138	15.4
Highway Traffic Count Across State Lines	37,729	37,825	42,042	−10.3	42,373	41,721	1.6
Transient Room Taxes (thous. of dol.)	145.8	92.1	441.3	−67.4	138.0	145.7	−5.3
Visits, State, Nat'l. Parks, Monuments (thous.)	1,297.2	1,124.6	1,513.5	−14.3	1,111.1	1,088.0	2.1
General							
New Cars and Truck Sales	na	na	5,279	x	7,547	6,193	21.9
C.P.I. (National Index – 1967=100)	214.1	211.5	193.3	10.8	203.5	186.5	9.1
Telephones in Service. (Business)	73,180	72,808	69,714	5.0	71,577	67,716	5.7
Telephones in Service. (Residential)	391,079	391,389	371,763	5.2	385,754	365,731	5.5
Electric Customers (Business)	31,651	31,529	29,997	5.5	31,041	28,831	7.7
Electric Customers (Residential)	339,036	338,298	323,072	4.9	332,130	314,879	5.5
Natural Gas Customers (Residential and community)	452,545	456,927	430,781	5.0	442,664	422,322	4.8
Natural Gas Customers (Industrial)	939	935	972	−3.4	938	961	−2.3
Production							
Net Electric Power Utilized (mil. of kwh)	939.3	919.3	880.0	6.7	967.0	869.6	11.2
Crude Oil to Refineries (thous. of bbls.)	4,805.3	4,234.4	4,983.1	−3.6	5,034.4	4,995.2	0.8
	(April '79)	(Mar. '79)	(April '78)		(April '79)	(April '78)	
Crude Oil Production (thous. of bbls.)	2,343.5	2,444.5	2,576.7	−9.1	2,911	2,787.0	4.4
Natural Gas Production (mil. of cu. ft.)	6,453.3	6,698.3	6,149.0	4.9	6,362	6,780	−4.4
Coal (thous. short tons)	885	1,184	1,105	−19.9	945	731	29.3
Copper (thous. metric tons)[f]	16,199	16,185	19,020	−14.8	15,977	16,321	−2.1

Utah Business Statistics

MCD* Statistical Data	May 1979	April 1979	May 1978	% Chg. From Year Ago	12 Mo. Average Ending May 1979	May 1978	% Chg
Wasatch Front (Salt Lake, Tooele, Davis, Weber, Morgan Counties)							
Non-Ag. Employment (thous.)*	395.9	392.5	372.9	6.2	384.4	358.8	7.1
Auth. Permit Construction (thous.)*	89.2	87.2	72.7	22.7	62.0	59.7	3.9
New Dwelling Units	1,047	1,267	1,514	-30.8	987	1,287	-23.3
Postal Receipts (thous.)	3,939.8	4,087.3	3,528.1	11.7	4,089.1	3,550.9	15.2
Electric Customers (Residential)	260,677	260,105	248,884	4.7	255,239	242,979	5.0
Electric Customers (Commercial)	20,610	20,563	19,624	5.0	20,191	18,850	7.1
Natural Gas Customers (Residential)	267,225	269,015	252,462	5.8	260,232	246,570	5.5
Natural Gas Customers (Industrial)	481	480	500	-3.8	482	490	-1.6
Department Store Sales (mil. of dol.)	24,523	23,123	23,653	3.7	25,759	24,757	4.0
Salt Lake City							
Non-Ag. Employment (Salt Lake and Tooele) (thous.)*	290.1	288.2	274.1	5.8	283.4	267.4	6.0
Auth. Permit Construction (thous.)	16,372.2	17,696.7	5,991.7	173.2	8,904.7	7,818.6	13.9
New Dwelling Units	27	59	31	-12.9	51	85	-40.0
Postal Receipts (thous.)	3,318.9	3,404.3	2,927.4	13.4	3,359.4	2,928.5	14.7
Natural Gas Customers (Residential)	56,952	57,503	56,085	1.5	56,596	55,585	1.8
Natural Gas Customers (Industrial)	178	179	186		181	180	
Telephones in Service. (Business)[g]	202,001	201,923	192,362	5.0	198,148	188,268	5.2
Telephones in Service. (Residential)[g]	40,731	40,437	38,953	4.6	39,758	37,804	5.2
Ogden							
Non-Ag. Employment (Weber, Morgan, Davis) (thou.)	96.0	94.8	90.4	6.2	92.9	88.7	4.7
Auth. Permit Construction (thou.)	4,805.3	13,268.1	4,682.3	2.6	4,823.4	2,649.2	82.1
New Dwelling Units	53	43	26	103.8	38	30	26.7
Postal Receipts	290.9	325.8	263.5	10.4	317.5	278.9	13.8
Natural Gas Customers (Residential)	21,346	21,483	21,059	1.3	21,142	21,026	.5
Natural Gas Customers (Industrial)	63	63	69	-8.6	64	70	-8.5
Telephones in Service. (Business)[h]	41,594	41,589	40,150	3.6	41,033	39,569	3.7
Telephones in Service. (Residential)[h]	6,711	6,737	6,425	4.5	6,601	6,362	3.8
Mountainland (Utah, Wasatch, Summit Counties)							
Non-Ag. Employment (thous.)*	68.5	71.1	64.2	6.7	68.1	63.5	7.2
Auth. Permit Construction (thous.)*	21.2	19.7	21.4	-0.9	17.8	17.2	3.5
New Dwelling Units	310	309	483	-35.8	284	380	-25.3
Postal Receipts (thous.)*	496.7	497.1	391.5	26.9	488.1	397.7	22.7
Electric Customers (Residential)	30,975	30,967	29,085	6.5	30,386	28,129	8.0
Electric Customers (Commercial)	2,923	2,892	2,704	8.1	2,810	2,576	9.1
Natural Gas Customers (Residential)	55,796	56,754	51,985	7.3	54,238	50,676	7.0
Natural Gas Customers (Industrial)	99	98	100	-1.0	96	98	-2.0
Provo							
Non-Ag. Employment (thous.) (Utah Co.)*	72.8	74.9	68.1	6.9	72.4	67.4	7.4
Auth. Permit Construction (thous.)*	5,465.4	2,340.5	4,669.1	17.1	5,165.9	2,198.6	135.0
New Dwelling Units	71	57	96	-26.0	81	59	37.3
Postal Receipts (thous.)	293.0	303.3	235.7	24.3	296.6	244.0	21.6
Natural Gas Customers (Residential)	14,579	15,207	13,785	5.7	14,357	13,742	4.4
Natural Gas Customers (Industrial)	48	48	48	-0	47	47	-0
Telephones in Service. (Business)[i]	34,638	34,573	32,724	5.8	35,897	33,727	6.4
Telephones in Service. (Residential)[i]	6,027	6,042	5,938	1.5	6,048	5,724	5.7
Central Utah (Juab, Millard, Sanpete, Sevier, Piute, Wayne Counties)							
Non-Ag. Employment (thous.)*	13.2	12.6	12.2	8.2	12.5	11.6	7.8
Auth. Permit Construction (thous.)*	4.0	1.8	2.6	53.8	2.2	2.1	4.8
New Dwelling Units	59	39	37	59.5	46	44	4.5
Postal Receipts (thous.)	26.7	32.3	18.5	44.3	26.3	20.6	27.7
Electric Customers (Residential)	8,644	8,609	8,276	4.4	8,496	8,144	4.3
Electric Customers (Commercial)	1,909	1,904	1,948	-2.0	1,917	1,796	6.7
Uintah Basin (Duchesne, Daggett, Uintah Counties)							
Non-Ag. Employment (thous.)*	11.1	10.8	10.4	6.7	10.7	9.9	8.1
Auth. Permit Construction (thous.)*	4.7	1.9	1.2	291.7	2.5	1.8	38.9
New Dwelling Units	66	24	18	266.7	33	35	-5.7
Postal Receipts (thous.)	30.1	39.8	28.9	4.2	36.7	31.3	17.3
Electric Customers (Residential)	4,639	4,647	4,382	5.9	4,518	4,232	6.8
Electric Customers (Commercial)	750	745	716	4.7	736	667	10.3
Natural Gas Customers (Residential)	5,153	5,213	5,056	1.9	5,134	4,950	3.7
Natural Gas Customers (Industrial)	8	8	8	-0	8	9	-1.1
Bear River (Box Elder, Cache, Rich Counties)							
Non-Ag. Employment (thous.)*	31.0	30.7	29.4	5.4	29.9	28.3	5.7
Auth. Permit Construction (thous.)*	4.5	2.8	5.7	-21.1	4.8	3.9	23.1
New Dwelling Units	97	55	115	-15.7	74	92	-19.6
Postal Receipts (thous.)	154.4	185.0	147.0	5.0	175.9	153.4	14.7
Electric Customers (Residential)	13,648	13,588	13,164	3.7	13,435	12,897	4.2
Electric Customers (Commercial)	1,696	1,678	1,650	2.8	1,670	1,591	5.0
Natural Gas Customers (Residential)	23,345	23,505	22,491	3.7	22,962	22,049	4.0
Natural Gas Customers (Industrial)	49	47	49	-0	48	48	-0
Southeastern (Carbon, Emery, Grand, San Juan Counties)							
Non-Ag. Employment (thous.)*	20.2	19.7	18.9	6.9	19.0	16.9	12.4
Auth. Permit Construction (thous.)*	3.7	1.5	4.0	-7.5	2.0	3.3	-39.4
New Dwelling Units	52	32	45	15.6	36	43	-16.3
Postal Receipts (thous.)	na	na	48.5	x	na	na	x
Electric Customers (Residential)	10,448	10,428	9,842	6.2	10,223	9,538	7.2
Electric Customers (Commercial)	1,388	1,387	1,328	4.5	1,367	1,256	8.8
Natural Gas Customers (Residential)	8,149	8,247	7,858	3.7	8,003	7,725	3.5
Natural Gas Customers (Industrial)	13	12	12	8.3	12	12	-0
Southwestern (Beaver, Iron, Washington, Garfield, Kane Counties)							
Non-Ag. Employment (thous.)*	16.3	15.8	15.4	5.8	15.5	14.5	6.9
Auth. Permit Construction (thous.)*	4.3	4.8	5.7	-24.6	4.6	4.0	15.0
New Dwelling Units	83	143	111	-25.2	103	90	14.4
Postal Receipts (thous.)	77.7	83.5	68.8	12.9	80.5	68.3	17.9
Electric Customers (Residential)	10,005	9,954	9,439	6.0	9,833	8,960	9.7
Electric Customers (Commercial)	2,375	2,360	2,027	17.2	2,349	2,097	12.0

Department of Energy is the source for the coal production data. The U.S. Department of the Interior, Bureau of Mines, in *Mineral Industry Surveys* reports copper production.

Cooperation Acknowledged

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The editors of the *Utah Economic and Business Review* have benefited greatly from the helpful support of the *Review* subscribers. Additional comments and suggestions are welcomed.

A historical series on the data published in the *Review* is contained in the *Statistical Abstract of Utah*, published every three years by the Bureau. In addition to published data, the Bureau maintains substantial files on computer and microfiche, and responds to requests for information not regularly published. The telephone number is 801-581-6333.

BUSINESS STATISTICS
Sources and Footnotes

Sources:

Agriculture farm marketings, livestock slaughter, farm prices: U.S. Department of Agriculture
Loans, Investments, deposits: Federal Reserve reports
Savings, Savings and Loan Association: Utah savings and loan institutions
U.S. Savings Bonds: U.S. Treasury Department
New Corporations: Utah Secretary of State
Tax Collections: Utah State Tax Commission
Employment data: Utah Department of Employment Security
Construction: Dodge Construction Statistics and BEBR
Air Passengers: Salt Lake International Airport, statistics service
Traffic Count: Utah Department of Transportation, Travel Analysis Unit
Visits to State and National Parks and Monuments: U.S. Forest Service; Utah State Parks and Recreation Department

Footnotes:

* May not add to total due to rounding
[a] End of Period, includes member banks of Federal Reserve System
[b] As of the close of business on last day of the month
[c] Includes nonprofit and religious
[d] Includes public schools and colleges
[e] Total new construction plus additions, alterations and repairs
[f] Beginning January 1979, data reported in metric tons; to convert metric tons to short tons, multiply by 1.10231.
[g] Includes Salt Lake County and Bountiful
[h] Includes Weber and Morgan Counties
[i] Includes Orem and Springville

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BUREAU OF ECONOMIC AND BUSINESS RESEARCH
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Municipal Government Expenditures in Utah

by *Randy Rogers,* Research Analyst

A great deal of attention has been focused in recent months on taxes and expenditures at all levels of government. Concern appears to be mounting as to the level and composition of government finances. This issue of the *Utah Economic and Business Review* takes a look at municipal expenditures in Utah with particular emphasis on cities with populations of 10,000 or more.

Expenditures of all municipalities in Utah in 1977 totaled $149.4 million, according to the *Census of Governments.*[1] This total is slightly more than double the figure reported in the 1972 *Census of Governments* data. Even adjusting for inflation and increases in population the 1977 figure is 30 percent higher than the 1972 total. The sharp increase in expenditures between 1972 and 1977 contrasts with the modest 7.9 percent increase (measured in real per capita dollars) from the 1967 Census to 1972. Table 1 shows total general expenditures of all municipalities in Utah for 1967, 1972, and 1977 together, with figures adjusted for inflation and population growth.

Table 1

TOTAL MUNICIPAL GOVERNMENT EXPENDITURES IN UTAH

	1967	1972	1977
Total General Expenditures (thousands of dollars)	$42,079	$69,277	$149,416
Total General Expenditures in 1972 dollars[a] (thousands of dollars)	58,040	69,277	101,574
Expenditures per capita[b] (in 1972 dollars)	82.06	88.51	115.07

[a]Figures adjusted by Implicit GNP Price Deflator for state and local government expenditures.

[b]Population estimated by BEBR based on U.S. Bureau of Census reports.

Source: U.S. Bureau of the Census, *Census of Governments,* 1967, 1972, and 1977, Vol. 4, No. 4.

[1]U.S. Bureau of the Census, *1977 Census of Governments,* Vol. 4, No. 4, (Washington, D.C.: Government Printing Office, 1979).

The source of the recent increase in municipal expenditures cannot be clearly attributed to any of the expense categories other than, perhaps, sewerage. However, even this item, which increased from 5.3 percent of total expenditures in 1972 to 11.3 percent in 1977, is less suspect when the facts show that the 1977 proportion merely rebounded to the approximate level of 1967 (Tables 2 and 3). The increase in 1977 represents, rather, a general surge in the costs and presumably the levels of municipal government services.

Table 2

MUNICIPAL GOVERNMENT EXPENDITURES IN UTAH
(thousands of dollars)

	1967	1972	1977
General Expenditures.	$42,079	$69,277	$149,416
Library	1,028	1,462	2,683
Health and Hospitals	1,545	1,925	3,827
Highways	6,125	9,445	20,430
Other Transportation	–	–	6,714
Police Protection	5,434	10,790	23,954
Fire Protection	3,723	6,122	12,823
Other Public Safety	–	–	1,600
Sewerage	4,503	3,669	16,872
Sanitation	1,961	3,076	5,717
Parks and Recreation	3,350	6,104	12,441
Government Administration	4,876	7,779	16,861
Interest on Debt	1,242	2,024	2,886
Other	8,291	16,882	22,608

Source: U.S. Bureau of the Census, *Census of Governments*, 1967, 1972, and 1977, Vol. 4, No. 4.

Table 3

PERCENT DISTRIBUTION OF ALL MUNICIPAL EXPENDITURES IN UTAH

	1967	1972	1977
General Expenditures:	100.0	100.0	100.0
Library	2.4	2.1	1.8
Health and Hospitals	3.7	2.8	2.6
Highways	14.6	13.6	13.7
Other Transportation	–	–	4.5
Police Protection	12.9	15.6	16.0
Fire Protection	8.8	8.8	8.6
Other Public Safety	–	–	1.1
Sewerage	10.7	5.3	11.3
Sanitation	4.7	4.4	3.8
Parks and Recreation	8.0	8.8	8.3
Government Administration	11.6	11.2	11.3
Interest on Debt	3.0	2.9	1.9
Other	19.7	24.4	15.1

Source: U.S. Bureau of the Census, *Census of Governments*, 1967, 1972, and 1977, Vol. 4, No. 4.

Several trends are apparent from Table 3. Total municipal expenditures for libraries, health and hospitals, and sanitation are accounting for a decreasing proportion of the budget. On the other hand, police protection is emerging as a higher priority to city governments in the state. Expenditures in this category accounted for 16.0 percent of all expenditures in 1977 compared with just 12.9 percent in 1967 and 15.6 percent in 1972.

Expenditures by Municipality, 1977

The 1977 *Census of Governments* also reveals some interesting differences in the costs and priorities of municipalities with populations in excess of 10,000 in Utah. An extract of the Census is presented in Table 4 and shows expenditures in 14 categories for the 18 largest cities in the state for fiscal year 1977 together with preliminary 1977 Bureau of Census population estimates.[2]

Table 5 shows the expenditure data on a per capita basis. While this measure is useful for comparison, the reader should be cautioned against drawing conclusions as to the efficiency or inefficiency of city government based on this data alone. Expenditures per capita measures costs on a per resident basis only and does not take into account costs imposed by other users of government services (and sources of revenue) such as employees, shoppers, businesses, tourists, etc. The per capita measure also does not consider economies (or diseconomies) of scale. Likewise, differences in tax base and yields are not apparent from this data alone.

Nevertheless, the per capita expenditure data does reveal the general shape of the priorities of the respective city governments. Indeed, vast differences in priorities are reflected in the figures.

Table 6 ranks the 18 cities by total general expenditures per capita. Provo's number one ranking is somewhat of an aberration due to 1) abnormally high capital outlays for sewerage for that particular year, and 2) a relatively high student population, most of which is excluded from the population estimates made as of July 1.

Tables 7 through 9 highlight three categories of expenditures per capita: police, parks and recreation, and general government administration. Here the differences in priorities between cities is readily apparent. For example, the community of South

[2]U.S. Bureau of the Census, Preliminary Population Estimates; unpublished data.

Ogden spends over four times as much on police protection as on parks and recreation, while Bountiful spends more on parks and recreation than police. Brigham City spends nearly seven times as much per capita on parks and recreation as does Orem.

City government administration costs vary immensely from one community to another. Brigham City and Murray are most costly at $45.11 and $33.85 per capita, respectively. Springville and West Jordan administration costs were lowest at $3.87 and $9.47, respectively.

Once again, these figures say nothing of the comparative level of services, only the comparative level of expenditures.

Table 4
TOTAL GOVERNMENT EXPENDITURES FOR UTAH'S 18 LARGEST CITIES, 1977
(thousands of dollars)

	American Fork	Bountiful	Brigham City	Cedar City	Clearfield	Layton	Logan	Murray	Ogden
General Expenditures:	$1,107	$3,392	$2,234	$2,088	$1,152	$2,071	$3,849	$5,099	$11,962
Library	54	–	19	48	–	–	74	155	–
Health & Hospital	2	–	–	–	–	–	–	–	11
Highways	170	583	382	335	86	329	595	551	953
Other Transportation	2	–	5	57	–	–	25	–	119
Police Protection	176	486	364	277	340	350	480	912	1,792
Fire Protection	21	112	38	74	67	72	473	394	1,720
Other Public Safety	–	–	36	164	27	76	63	65	98
Sewerage	119	142	56	568	125	395	42	1,222	739
Capital Outlay	27	73	–	504	–	271	–	933	135
Sanitation	72	163	75	101	72	92	431	135	626
Parks and Recreation	187	555	431	188	191	418	385	445	1,288
Government Administration	135	552	655	212	186	232	446	920	1,188
Interest on Debt	106	59	173	64	58	107	124	–	71
Other	63	740	–	–	–	–	711	300	3,357
Population 1977	11,464	31,830	14,521	10,960	13,659	18,386	24,259	27,178	68,512

	Orem	Provo	Roy	Salt Lake City	Sandy	South Ogden	Springville	Tooele	West Jordan
General Expenditures:	$4,899	$18,306	$1,759	$47,954	$2,546	$998	$1,294	$1,559	$1,240
Library	195	300	–	1,594	–	–	78	38	–
Health and Hospital	–	13	–	–	–	–	–	–	–
Highways	1,186	1,265	295	6,658	327	106	313	253	256
Other Transportation	–	85	–	6,396	–	–	2	–	–
Police Protection	775	1,214	392	9,207	353	269	217	327	264
Fire Protection	555	860	72	6,336	295	56	60	38	–
Other Public Safety	64	96	–	451	74	16	13	49	59
Sewerage	167	9,079	91	1,153	73	110	122	129	111
Capital Outlay	36	8,678	–	40	–	–	–	5	–
Sanitation	346	558	130	1,394	168	64	90	102	137
Parks and Recreation	185	1,055	310	2,661	480	60	197	270	92
Government Administration	1,047	257	426	3,838	549	221	42	137	172
Interest on Debt	79	449	43	1,455	21	3	3	–	15
Other	300	201	–	6,811	206	90	157	216	134
Population 1977	42,377	57,418	17,959	167,404	34,006	10,487	10,862	13,368	18,167

Source: U.S. Bureau of the Census, *1977 Census of Governments*, Vol. 4, No. 4, (Washington, D.C.: Government Printing Office, 1979).

Table 5

MUNICIPAL GOVERNMENT EXPENDITURES PER CAPITA, 1977 FOR UTAH'S 18 LARGEST CITIES

	American Fork	Bountiful	Brigham City	Cedar City	Clearfield	Layton	Logan	Murray	Ogden
General Expenditures:	$ 96.56	$106.57	$153.85	$190.51	$84.34	$112.64	$158.66	$187.61	$174.60
Library	4.71	–	1.31	4.38	–	–	3.05	5.70	–
Health and Hospital	.17	–	–	–	–	–	–	–	.16
Highways	14.83	18.32	26.31	30.57	6.30	17.89	24.50	20.27	13.91
Other Transportation	.17	–	.34	5.20	–	–	1.03	–	1.74
Police Protection	15.35	15.27	25.07	25.27	24.89	19.04	19.79	33.56	26.16
Fire Protection	1.83	3.52	2.62	6.75	4.91	3.92	19.50	14.50	25.11
Other Public Safety	–	–	2.48	14.96	1.98	4.13	2.60	2.39	1.48
Sewerage	10.38	4.46	3.86	51.82	9.15	21.48	1.73	44.63	10.79
Capital Outly	2.36	2.29	–	45.99	–	14.74	–	34.33	1.97
Sanitation	6.28	5.12	5.16	9.22	5.27	5.00	17.77	4.97	9.14
Parks and Recreation	16.31	17.44	29.68	17.15	13.98	22.73	15.87	16.37	18.80
Government Administration	11.78	17.34	45.11	19.34	13.62	12.62	18.38	33.85	17.34
Interest on Debt	9.25	1.85	11.91	5.84	4.25	5.82	5.11	–	1.04
Other	5.50	23.25	–	–	–	–	29.31	11.04	49.00

	Orem	Provo	Roy	Salt Lake City	Sandy	South Ogden	Springville	Tooele	West Jordan
General Expenditures:	$115.61	$318.82	$97.95	$286.46	$74.87	$95.17	$119.13	$116.62	$68.26
Library	4.60	5.22	–	9.52	–	–	7.18	2.84	–
Health and Hospital	–	.23	–	–	–	–	–	–	–
Highways	27.99	22.03	16.43	39.77	9.62	10.11	28.82	18.93	14.09
Other Transportation	–	1.48	–	38.21	–	–	.18	–	–
Police Protection	18.29	21.14	21.83	55.00	10.38	25.65	19.98	24.46	14.53
Fire Protection	13.10	14.98	4.01	37.85	8.67	5.34	5.52	2.84	–
Other Public Safety	1.51	1.67	–	2.69	2.18	1.53	1.20	3.67	3.25
Sewerage	3.94	158.12	5.07	6.89	2.15	10.49	11.23	9.65	6.11
Capital Outlay	.85	151.14	–	.24	–	–	–	.37	–
Sanitation	8.16	9.72	7.24	8.33	4.94	6.10	8.29	7.63	7.54
Parks and Recreation	4.37	18.37	17.26	15.90	14.12	5.72	18.14	20.20	5.06
Government Administration	24.71	15.80	23.72	22.93	16.14	21.07	3.87	10.25	9.47
Interest on Debt	1.86	2.30	2.39	8.69	.62	.29	.28	–	.83
Other	7.10	47.76	–	40.69	6.06	8.58	14.45	16.16	7.38

Source: U.S. Bureau of the Census, *1977 Census of Governments,* Vol. 4, No. 4, (Washington, D.C.: Government Printing Office, 1979).

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RANKINGS OF UTAH'S 18 LARGEST CITIES SELECTED EXPENDITURE CATEGORIES

Table 6

Total General Expenditures, Per Capita, 1977

1.	Provo	$318.82
2.	Salt Lake City	286.46
3.	Cedar City	190.51
4.	Murray	187.61
5.	Ogden	174.60
6.	Logan	158.66
7.	Brigham City	153.85
8.	Springville	119.13
9.	Tooele	116.62
10.	Orem	115.61
11.	Layton	112.64
12.	Bountiful	106.57
13.	Roy	97.95
14.	American fork	96.56
15.	South Ogden	95.17
16.	Clearfield	84.34
17.	Sandy	74.87
18.	West Jordan	68.26

Table 7

Police Expenditures, Per Capita, 1977

1.	Salt Lake City	$55.00
2.	Murray	33.56
3.	Ogden	26.16
4.	South Ogden	25.65
5.	Cedar City	25.27
6.	Brigham City	25.07
7.	Clearfield	24.89
8.	Tooele	24.46
9.	Roy	21.83
10.	Provo	21.14
11.	Springville	19.98
12.	Logan	19.79
13.	Layton	19.04
14.	Orem	18.29
15.	American Fork	15.35
16.	Bountiful	15.27
17.	West Jordan	14.53
18.	Sandy	10.38

Table 8

Parks and Recreation Expenditures, Per Capita, 1977

1.	Brigham City	$29.68
2.	Layton	22.73
3.	Tooele	20.20
4.	Ogden	18.80
5.	Provo	18.37
6.	Springville	18.14
7.	Bountiful	17.44
8.	Roy	17.26
9.	Cedar City	17.15
10.	Murray	16.37
11.	American Fork	16.31
12.	Salt Lake City	15.90
13.	Logan	15.87
14.	Sandy	14.12
15.	Clearfield	13.78
16.	South Ogden	5.72
17.	West Jordan	5.06
18.	Orem	4.37

Table 9

Government Administration Expenditure Per Capita, 1977

1.	Brigham City	$45.11
2.	Murray	33.85
3.	Orem	24.71
4.	Roy	23.72
5.	Salt Lake City	22.93
6.	South Ogden	21.07
7.	Cedar City	19.34
8.	Logan	18.38
9.	Bountiful	17.34
10.	Ogden	17.34
11.	Sandy	16.14
12.	Provo	15.80
13.	Clearfield	13.62
14.	Layton	12.62
15.	American Fork	11.78
16.	Tooele	10.25
17.	West Jordan	9.47
18.	Springville	3.87

Source: U.S. Bureau of the Census, *1977 Census of Governments*, Vol. 4, No. 4, (Washington, D.C.: Government Printing Office, 1979).

Utah Business Statistics

Statewide Statistical Data

	June 1979	May 1979	June 1978	% Chg. From Year Ago	12 Mo. Average Ending June 1979	June 1978	% Chg.
Agriculture							
Cash Receipts from Farm Marketings (thous. of dol.)*	37,263	42,787	30,888	20.6	40,991	31,606	29.7
Livestock and Livestock Products (thous. of dol.)	28,708	31,053	24,435	17.5	32,186	24,540	31.2
Crops (thous. of dol.)	8,555	11,734	6,453	32.6	8,803	7,066	24.6
Avg. Prices Rec'd by Farmers (15th of each mo.)(dol.):							
Beef Steers and Heifers (cwt)(thou.)	68.5	75.9	52.8	29.7	64.0	42.8	48.6
Lambs (cwt)	61.4	63.5	59.1	3.9	61.0	55.1	11.2
Turkeys (per lb.)	.450	.440	.410	9.8	48.3	.39	23.9
Milk, Wholesale (cwt)	11.3	11.4	9.85	14.7	11.0	9.7	13.6
Alfalfa Hay, Baled (per ton)	53.0	52.5	49.0	8.2	49.0	55.1	10.8
Livestock Slaughtered (live weight):							
Cattle (thous. of lbs.)	16,412	15,060	16,893	-2.9	17,358	20,962	-17.2
Calves (thous. of lbs.)	–	–	19	x		36	
Sheep and Lambs (thous. of lbs.)	226	212	191	18.3	214	228	-6.2
Hogs and Pigs (thous. of lbs.)	2,318	2,377	1,856	24.9	2,106	2,245	-6.2
Finance							
Loans, Total, Utah Member Banks (mil. of dol.)[a]	3,094	2,954	2,785	11.1	2,946	2,573	14.5
Investments, Total, Utah Member Banks (mil. of dol.)[a]	826	849	755	9.4	813	741	9.7
Deposits, Total, Utah Member Banks (mil. of dol.)[a]	3,789	3,799	3,559	6.5	3,701	3,287	12.6
Demand Deposits of Banks, Total, Utah (mil. of dol.)[a]	61	57	51	19.6	55	53	3.5
Other Demand Deposits, Total, Utah (mil. of dol.)[a]	1,172	1,153	1,143	2.5	1,148	1,082	6.1
Time Deposits, Total, Utah (mil. of dol.)[a]	2,555	2,589	2,365	8.0	2,499	2,154	16.0
Savings, Savings and Loan Association (mil. of dol.)[b]	1,622.6	1,589.0	1,412.1	14.9	1,520	1,392.1	9.2
Sale of U.S. Savings Bonds–Series E & H (thous. of dol.)	2,319.0	2,617.0	2,386.4	-2.8	2,280.0	2,768.1	-17.6
New Corporations (no.)	411	429	431	-4.6	410	378	8.6
Tax Collections by the State of Utah (thous. of dol.)							
Total Tax Collections	40,499.6	159,557.2	39,610.0	2.3	67,354	57,667.2	16.8
Sales & Use Tax	48,077.4	35,222.6	2,501.2	1,822.2	30,123	26,206.8	14.9
Motor Fuel Tax	4,048.9	9,187.4	7,259.3	-44.2	5,342	4,240.8	26.0
Individual Income Tax	20,095.1	55,861.7	17,041.3	17.9	22,231	17,764.0	25.2
Corporation Franchise Tax	1,179.8	7,860.6	1,466.0	-19.5	3,155	2,755.2	14.5
Employment							
Civilian Labor Force (thous.)[c]	636.1	615.4	600.5	5.9	605	569.1	6.3
Total Employed Persons	601.9	592.0	568.7	5.8	577	541.0	6.7
Unemployed	34.2	23.4	31.8	7.6	28.0	28.1	-.4
Percent Total Labor Force	5.4	3.8	5.3	1.9	4.6	4.9	-6.1
Employees on Nonagricultural Payrolls (thous. of jobs)	561.6	556.3	528.8	6.2	541	506.3	6.9
Manufacturing	85.6	84.5	79.6	7.5	83	76.6	8.9
Mining	17.9	17.6	16.4	9.2	17	14.8	15.0
Contract Construction	40.1	36.8	37.9	5.8	36	33.9	5.6
Transportation, Communication and Utilities	35.1	34.1	32.2	9.0	33	30.4	8.4
Wholesale Trade	35.5	34.7	32.3	9.9	33	30.1	10.2
Retail Trade	100.2	98.9	96.4	3.9	98	92.9	5.5
Finance, Insurance and Real Estate	26.4	25.9	24.7	6.9	25	23.4	7.9
Services[d]	98.9	96.0	90.2	9.7	95	86.8	9.4
Federal Government	37.2	37.0	37.6	-1.1	37	36.7	.2
State Government[e]	29.1	31.6	29.6	-1.7	32	30.6	3.1
Local Government[e]	55.5	58.0	51.8	7.1	54	49.5	8.9
Average Weekly Hours:							
Manufacturing	38.6	38.2	39.5	-2.3	39.1	39.8	-1.8
Mining	41.6	39.6	43.0	-3.3	41.9	42.4	-1.2
Contract Construction	38.0	36.8	39.2	-3.1	37.8	41.2	-8.3
Wholesale Trade	38.0	37.1	37.1	2.4	37.4	35.9	4.2
Retail Trade	27.9	27.5	28.1	-.7	28.0	29.2	-4.1
Amount of Unemployment Comp. (thous. of dol.)	2,820.1	3,701.3	2,534.9	11.3	3,769.0	3,241.8	16.3
Construction							
Total Construction (thous. of dol.)	182,024	123,543	144,518	25.9	115,088	99,440	15.7
Residential	83,998	78,749	73,719	13.9	60,902	58,434	4.2
Nonresidential	75,687	29,935	55,365	36.7	39,145	30,249	29.4
Public Works and Utilities	22,339	14,859	15,434	44.7	15,041	10,757	39.8
Total Permit Construction (thous. of dol.)[f]	126,498.4	131,571.8	114,660.9	10.3	97,151	92,506.9	5.0
Residential	71,399.3	72,888.8	71,315.6	.12	56,828	63,605.2	-10.6
Nonresidential	48,723.7	50,939.2	36,781.7	32.5	34,091	23,039.2	48.0
Additions, Alterations and Repairs	6,375.4	7,743.8	6,563.6	-2.9	5,958	5,862.6	1.6
New Dwelling Units (no.)	1,805	1,714	1,963	-8.1	1,550	1,941.4	-20.2
Tourism/Travel							
Air Passengers (total no. on and off)	415,805	351,477	389,983	6.6	374,951	329,469	13.8
Highway Traffic Count Across State Lines	46,988	37,729	56,516	-16.9	41,579	42,032	-1.1
Transient Room Taxes (thous. of dol.)	447.3	143.8	7.4	5,944.6	175.0	145.4	20.1
Visits, State, Nat'l. Parks, Monuments (thous.)	2,089.7	1,297.2	2,441.9	-14.4	1,082	1,101.5	-1.8
General							
New Cars and Truck Sales	na	na	na	–	na	na	–
C.P.I. (National Index – 1967=100)	216.6	214.1	195.3	10.9	205.0	187.6	9.4
Telephones in Service. (Business)	73,742	73,180	69,918	5.5	71,896	68,056	5.6
Telephones in Service. (Residential)	392,375	391,079	372,202	5.4	387,435	367,292	5.5
Electric Customers (Commercial)	31,711	31,651	30,387	4.4	31,151	29,036	7.3
Electric Customers (Residential)	339,354	339,036	323,257	5.0	333,471	316,416	5.4
Natural Gas Customers (Residential & Commercial)	450,376	452,545	432,094	4.4	444,238	423,955	4.8
Natural Gas Customers (Industrial)	859	939	928	-7.4	932	958.6	-2.7
Production							
Net Electric Power Utilized (mil. of kwh)	1,037.5	939.3	961.5	7.9	973	876.0	11.1
Crude Oil to Refineries (thous. of bbls.)	4,907.3	4,912.7[r]	5,200.4	-5.6	5,010	5,138.0	-2.5
	(May 1979)	(April 1979)	(May 1978)		(May 1979)	(May 1978)	
Crude Oil Production (thous. of bbls.)	2,285.4	2,343.5	3,007.8	-24.0	2,851.0	2,793.6	2.0
Natural Gas Production (mil. of cu. ft.)	5,912.6	6,453.3	6,768.9	-12.6	6,291	6,778.2	-7.2
Coal (thous. short tons)	1,028	885	879	17.0	957	747	28.2
Copper (thous. metric tons)[g]	17,012	16,199	19,020	-10.6	15,810	16,262	-2.8

Utah Business Statistics

MCD* Statistical Data	June 1979	May 1979	June 1978	% Chg. From Year Ago	12 Mo. Average Ending June 1979	12 Mo. Average Ending June 1978	% Chg.
Wasatch Front (Salt Lake, Tooele, Davis, Weber, Morgan Counties)							
Non Ag. Employment (thous.)*	399.9	395.9	376.6	6.2	386	361.0	7.0
Auth. Permit Construction (mil. of dol.)	88.7	89.2	76.3	16.2	63	60.4	4.4
New Dwelling Units	1,140	1,047	1,213	6.0	981	1,254	21.8
Postal Receipts (thous.)	3,714.0	4,029.4	3,783.8	1.8	4,083.3	3,570.3	14.4
Electric Customers (Residential)	260,666	260,677	248,850	4.7	256,224	244,000	5.0
Electric Customers (Commercial)	20,661	20,610	19,718	4.8	20,270	18,962	6.9
Natural Gas Customers (Residential)	266,543	267,225	253,234	5.3	261,341	247,650	5.5
Natural Gas Customers (Industrial)	438	481	477	8.2	479	489	2.1
Department Store Sales (mil. of dol.)	24,330	24,523	23,859	2.0	25,798	24,683	4.5
Salt Lake City							
Non Ag. Employment (Salt Lake and Tooele) (thous.)*	298.2	290.1	280.7	6.2	285	268.6	6.0
Auth. Permit Construction (mil. of dol.)*	15.7	16.4	7.7	103.9	9.6	7.8	23.1
New Dwelling Units	12	27	35	65.7	49.1	81	39.4
Postal Receipts (thous.)	3,056.2	3,318.9	3,096.9	1.3	3,356.0	2,942.5	14.1
Natural Gas Customers (Residential)	56,796	56,952	56,356	.8	56,633	55,664	1.7
Natural Gas Customers (Industrial)	161	178	180	10.6	179.4	180	-.3
Telephones in Service. (Business)h	40,950	40,731	39,030	4.9	39,918	37,988	5.1
Telephones in Service. (Residential)h	202,541	202,001	192,614	5.2	198,975	189,013	5.3
Ogden							
Non Ag. Employment (Weber, Morgan, Davis) (thou.)	97.2	96.0	97.2	0.0	92.9	89.7	3.6
Auth. Permit Construction (mil. of dol.)*	15.7	4.8	2.7	481.5	5.9	2.8	110.7
New Dwelling Units	87	53	19	357.9	43.7	29	50.7
Postal Receipts	291.7	290.9	318.3	8.4	315.3	282.2	11.7
Natural Gas Customers (Residential)	21,132	21,346	20,963	.8	21,156.1	21,025	.6
Natural Gas Customers (Industrial)	59	63	64	7.8	63.6	70	-9.1
Telephones in Service. (Business)h	6,798	6,711	6,388	6.4	6,635	6,374	4.1
Telephones in Service. (Residential)h	41,638	41,594	40,246	3.5	41,149	39,683	3.7
Mountainland (Utah, Wasatch, Summit Counties)							
Non Ag. Employment (thous.)*	69.7	68.5	65.4	6.6	68.5	64.0	7.0
Auth. Permit Construction (mil. of dol.)*	16.7	21.2	23.0	27.4	17.3	17.1	1.2
New Dwelling Units	338	310	396	14.6	279.2	383	27.1
Postal Receipts (thous.)	505.1	509.1	465.6	8.5	491.4	403.4	21.8
Electric Customers (Residential)	31,038	30,975	29,220	6.2	30,538	28,410	7.5
Electric Customers (Commercial)	2,907	2,923	2,714	7.1	2,826	2,603	8.6
Natural Gas Customers (Residential)	56,341	55,796	51,969	6.5	54,519	50,966	7.0
Natural Gas Customers (Industrial)	90	99	95	-5.3	96	98	-2.4
Provo							
Non Ag. Employment (thous.) (Utah Co.)*	64.2	63.2	60.0	7.0	72.8	58.8	23.8
Auth. Permit Construction (mil. of dol.)*	3.7	5.5	4.3	14.0	5.2	2.3	126.1
New Dwelling Units	79	71	97	18.6	79.5	61	30.3
Postal Receipts (thous.)	340.8	293.0	274.9	24.0	302.1	246.6	22.5
Natural Gas Customers (Residential)	14,538	14,529	13,886	4.7	14,411.3	13,795	4.5
Natural Gas Customers (Industrial)	44	48	48	-8.3	47	47	-.6
Telephones in Service. (Business)	6,057	6,027	5,964	1.6	6,056	5,765	5.0
Telephones in Service. (Residential)	34,946	34,638	32,929	6.1	36,065	33,913	6.3
Central Utah (Juab, Millard, Sanpete, Sevier, Piute, Wayne Counties)							
Non Ag. Employment (thous.)*	12.5	13.2	12.5	-.8.0	12.6	11.7	7.7
Auth. Permit Construction (mil. of dol.)*	2.2	4.0	2.5	12.0	2.2	2.2	0.0
New Dwelling Units	46	58	53	13.2	45	44	3.2
Postal Receipts (thous.)	63.1	61.9	65.6	-3.8	63.9	60.2	6.1
Electric Customers (Residential)	8,685	8,644	8,329	4.3	8,526	8,170	4.4
Electric Customers (Commercial)	1,910	1,909	1,950	-2.1	1,914	1,814	5.5
Uintah Basin (Duchesne, Daggett, Uintah Counties)							
Non Ag. Employment (thous.)*	11.6	11.1	10.8	7.4	10.8	10.0	8.0
Auth. Permit Construction (mil. of dol.)*	1.7	4.7	2.0	-15.0	2.5	1.8	38.9
New Dwelling Units	38	66	47	-19.1	32	35	-7.7
Postal Receipts (thous.)	43.5	34.5	41.3	5.3	36.9	32.1	15.0
Electric Customers (Residential)	4,668	4,629	4,379	6.6	4,542	4,256	6.7
Electric Customers (Commercial)	761	750	727	4.7	739	674	9.6
Natural Gas Customers (Residential)	5,096	5,153	5,048	1.0	5,138	4,968	3.4
Natural Gas Customers (Industrial)	7	8	7	0.0	8	9	-11.1
Bear River (Box Elder, Cache, Rich Counties)							
Non Ag. Employment (thous.)*	30.7	31.0	29.2	5.1	30.0	28.4	5.6
Auth. Permit Construction (mil. of dol.)*	5.4	4.5	5.6	-3.6	4.8	4.0	20.0
New Dwelling Units	89	97	145	-38.6	69.3	95	-27.1
Postal Receipts (thous.)	187.6	162.2	178.8	4.9	176.6	155.5	13.6
Electric Customers (Residential)	13,677	13,648	13,210	3.5	13,474	12,948	4.1
Electric Customers (Commercial)	1,696	1,696	1,667	1.7	1,672	1,601	4.5
Natural Gas Customers (Residential)	23,489	23,345	22,756	3.2	23,023	22,134	4.0
Natural Gas Customers (Industrial)	47	49	46	2.2	48	48	-.2
Southeastern (Carbon, Emery, Grand, San Juan Counties)							
Non Ag. Employment (thous.)*	20.1	20.2	18.8	6.9	19.1	17.1	11.7
Auth. Permit Construction (mil. of dol.)	6.9	3.7	2.3	200.0	2.4	3.3	-27.3
New Dwelling Units	36	52	38	-5.3	35.8	42	-14.8
Postal Receipts (thous.)	na	na	na		na	na	
Electric Customers (Residential)	10,493	10,448	9,869	6.3	10,275	9,595	7.1
Electric Customers (Commercial)	1,391	1,388	1,349	3.1	1,370	1,268	8.1
Natural Gas Customers (Residential)	8,041	8,149	7,882	2.0	8,016	7,754	3.4
Natural Gas Customers (Industrial)	13	13	11	18.2	12.2	12	1.7
Southwestern (Beaver, Iron, Washington, Garfield, Kane Counties)							
Non Ag. Employment (thous.)*	16.3	16.3	15.5	5.2	15.6	14.6	6.8
Auth. Permit Construction (mil. of dol.)	4.8	4.3	3.0	60.0	4.8	3.8	26.3
New Dwelling Units	69	83	71	-2.8	102.8	89	15.5
Postal Receipts (thous.)	91.4	90.0	82.2	11.2	81.3	69.5	17.0
Electric Customers (Residential)	10,127	10,005	9,400	7.7	9,894	9,035	9.5
Electric Customers (Commercial)	2,385	2,375	2,262	5.4	2,359	2,116	11.5

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~~MR. HEXMEN~~

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BUSINESS STATISTICS
Sources and Footnotes

Sources:

Agriculture farm marketings, livestock slaughter, farm prices: U.S. Department of Agriculture
Loans, Investments, deposits: Federal Reserve reports
Savings, Savings and Loan Association: Utah savings and loan institutions
U.S. Savings Bonds: U.S. Treasury Department
New Corporations: Utah Secretary of State
Tax Collections: Utah State Tax Commission
Employment data: Utah Department of Employment Security
Construction: Dodge Construction Statistics and BEBR
Air Passengers: Salt Lake International Airport, statistics service
Traffic Count: Utah Department of Transportation, Travel Analysis Unit
Visits to State and National Parks and Monuments: U.S. Forest Service; Utah State Parks and Recreation Department
Truck and car sales: Utah Automobile Dealers Registrations Service Company
Telephone, electric, natural gas customers: cooperating Utah utility companies
Net Electric Power Utilized: cooperating Utah power companies
Crude Oil to Refineries: cooperating Utah oil refineries
Copper production: U.S. Bureau of Mines
Coal production: U.S. Department of Energy
Oil and gas production: State of Utah Division of Oil, Gas and Mining

Footnotes:

* May not add to total due to rounding
[a] End of Period, includes member banks of Federal Reserve System
[b] As of the close of business on last day of the month
[c] Current year—preliminary data; previous year—final figures.
[d] Includes nonprofit and religious
[e] Includes public schools and colleges
[f] Total new construction plus additions, alterations and repairs
[g] Beginning January 1979, data reported in metric tons; to convert metric tons to short tons, multiply by 1.10231
[h] Includes Salt Lake County and Bountiful
[i] Includes Weber and Morgan Counties
[j] Includes Orem and Springville
r revised
x increase from zero or decrease to zero
na not available

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1979 Population Estimates for Utah

by *John E. Brockert, Gery E. Moore, and Kenneth E. Jensen*

The Utah Population Work Committee has estimated that the population of Utah reached 1,367,000 on July 1, 1979. This represents an increase of 50,000 or 3.8 percent over the revised 1978 estimate of 1,317,000. The Committee's preliminary estimate for 1979 is the same as the recently released estimate by the U.S. Bureau of the Census (1,367,000).

Natural increase continues to play a major role in Utah's population growth. However, the Committee did note that the net amount of in-migration continues to increase over prior years. As usual, the bulk of the population increase was centered in the three Wasatch Front Counties of Davis, Salt Lake, and Utah. Salt Lake County gained 19,000, Utah 10,000, and Davis 7,000. These three counties collectively had an increase of 36,000 in population during the 12 months between July 1978 and July 1979, while the balance of the state gained 14,000 persons. Other areas of substantial growth were Box Elder, Carbon, Cache, Emery, Iron, San Juan, Summit, Sevier, Uintah, Weber, and Washington Counties. Chart 1 gives the changes in population for each of the counties in the state. Table 1 shows the total population density of the four Wasatch Front counties and the balance of the state for the years, 1977, 1978, and 1979. Table 2 gives the population of the state by multi-county planning districts for the years 1970 through 1979.

Changes in Utah's Population by County
July 1, 1978 to July, 1, 1979

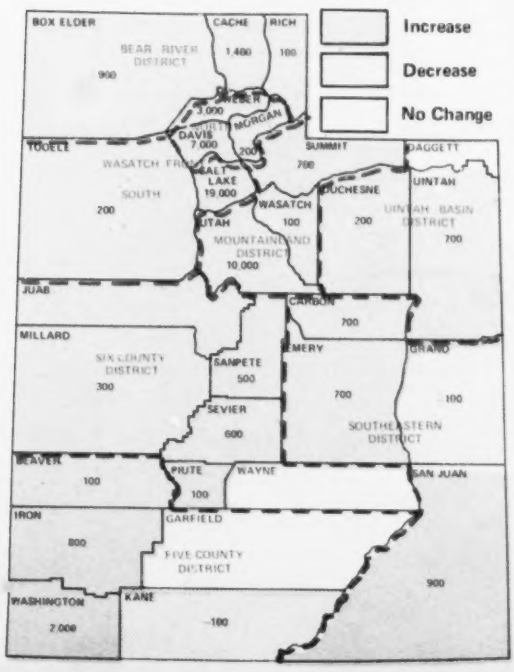

Table 1

UTAH POPULATION PER SQUARE MILE FOR THE WASATCH FRONT COUNTIES AND THE BALANCE OF THE STATE 1977, 1978, 1979

Location	Land Area (sq. mi.) 1970	July 1, 1977		July 1, 1978		July 1, 1979	
		Population Estimate	Population per sq. mi.	Population Estimate	Population per sq. mi.	Population Estimate	Population per sq. mi.
State total	82,096	1,270,000	15.5	1,317,000	16.0	1,367,000	16.7
Wasatch Front Counties	3,656	971,000	265.6	1,004,000	274.3	1,043,000	285.3
Davis	297	124,000	417.5	130,000	434.7	137,000	461.3
Salt Lake	764	532,000	696.3	544,000	712.0	563,000	736.9
Utah	2,014	177,000	87.9	189,000	93.8	199,000	98.8
Weber	581	138,000	237.5	141,000	242.7	144,000	247.8
Balance of State	78,440	299,000	3.8	313,000	4.0	324,000	4.1

Sources: Land Area – U.S. Bureau of the Census, "Number of Inhabitants – Utah, 1970"
State Population – Utah Population Work Committee, U.S. Bureau of the Census estimates.
Local Population – Utah Population Work Committee.

Table 2

POPULATION ESTIMATES OF UTAH BY MULTI-COUNTY PLANNING DISTRICTS

District	July 1 1970	July 1 1971	July 1 1972	July 1 1973	July 1 1974	July 1 1975	July 1 1976	July 1 1977	July 1 1978	July 1 1979
Total	1,066,000	1,095,000	1,128,000	1,150,000	1,179,000	1,203,000	1,232,000	1,270,000	1,317,000	1,367,000
Bear River	72,300	73,100	76,600	77,600	79,200	80,400	81,800	84,500	87,500	89,900
Wasatch Front North	230,350	235,900	244,400	248,000	252,600	255,700	250,800	266,900	276,100	286,300
Wasatch Front South	483,000	495,600	504,000	510,300	523,000	531,000	541,700	556,300	568,600	587,800
Mountainland	151,150	156,800	162,600	168,000	173,000	179,300	185,000	191,500	204,700	215,500
Six County	35,400	36,100	37,600	39,700	40,800	41,400	42,400	44,300	46,400	47,900
Five County	35,650	37,300	39,100	40,000	41,300	42,700	44,100	46,500	49,100	51,900
Uintah Basin	20,850	21,900	24,800	27,000	28,300	29,600	29,400	30,200	31,100	32,000
Southeastern	37,200	37,900	38,600	40,100	41,200	42,900	46,800	50,100	53,500	55,700

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Organization and Procedure

The Utah Population Work Committee is made up of representatives from the Utah State Departments of Health, Employment Security, Water Resources, Planning, and Education; and members of local universities, businesses, and research organizations. The Committee's participation in the Federal-State Cooperative Program for Local Population Estimates provides for exchange of data and other information between the Committee and the Bureau of the Census. The intent of this exchange is to improve the quality of the estimates of population for the state and its counties by both parties. Another goal of the Committee is to strive for agreement in the estimates prepared by itself and the Bureau of the Census.

At its November meeting, the Committee reviewed the state population estimates derived from vital statistics, school enrollment data, L.D.S. membership data, and from nonagricultural jobs figures. The preliminary state total for July 1, 1979 was estimated to be 1,367,000, and the revised 1978 estimate was 1,317,000. Preliminary county estimates were reviewed and agreed upon. The chairman was directed to transmit the preliminary estimates to the county commissions and the multi-county planning district directors for their view and input. This resulted in some interesting input from local areas, but failed to alter the Committee's initial estimates.

The Committee's estimates for individual counties will not in some instances agree with Bureau of the Census county estimates, but state totals are in close agreement. The Committee feels that because it has more information available on counties than the Bureau of the Census has, its estimates are more representative of actual county populations. Table 6 represents the revised July 1, 1978 county and state population estimates and the preliminary July 1, 1979 estimates, in addition to the 1970 through 1977 state and county estimates.

Methodology for Estimating Population

The Utah Population Work Committee utilizes several population estimating methods in obtaining its state and county estimates. The committee has found from past experience that an average of two or more population estimating procedures produces more accurate estimates. The 1979 county population estimates, therefore, are basically a weighted average of the school enrollment and L.D.S. membership methods with adjustment of a few counties because of atypical growth experiences of their population.

School Enrollment Method

The Utah Population Work Committee relies heavily upon the school enrollment method. This method utilizes data from the birth and death certificates as a measure of the natural increase and fall school enrollment changes as an indicator of net migration.

Natural Increase

Births minus deaths equals natural increase. The 1979 population estimates are based on the number of resident births and deaths that occurred from 1 July 1978 to 30 June 1979. This is the first time the Committee has had the actual natural increase data for the 12-month period for which the population estimate was being made. However, it must be noted that the natural increase provided by using the provisional 1979 data will tend to slightly overstate the actual natural increase for the 12-month period 1 July 1978 to 30 June 1979. This is due to the fact that out-of-state occurrences of births and deaths to Utah residents are not included in the 1979 natural increase data. Since more than 99 percent of births and over 96 percent of deaths to Utah residents occur in the state, the difference between the actual natural increase and the estimated natural increase should not have any significant effect on the population estimates for the state and counties.

The number of births and deaths occurring to Utah residents for the years 1960-1978 is shown in Table 3. As can be seen, with the exception of 1972, the number of births has been increasing since 1965. With only occasional reversals the number of deaths has been increasing since 1960, as the total population and the over-age-65 population increases.

Net Migration Estimates

Where natural increase is an actual count of the births and deaths that occur annually, migration is an estimate, inasmuch as states and counties do not collect migration statistics. The Utah Population Work Committee, like the Bureau of the Census, relies heavily upon school enrollment data as an indicator of migration.

To estimate net migration within the state and its counties, the Committee compares the survived enrollment in grades one through eight of the previous school year to grades two through nine of the present year. The difference between these two enrollment totals is the net student migration for the area being estimated.

Table 3

RESIDENT UTAH BIRTHS, DEATHS, AND NATURAL INCREASE 1960-1978

Year	Births	Deaths	Natural Increase
1960	26,272	5,997	20,275
1961	25,590	6,081	19,509
1962	26,213	6,325	19,888
1963	24,952	6,544	18,408
1964	23,844	6,404	17,440
1965	22,261	6,672	15,589
1966	22,601	6,850	15,751
1967	22,948	6,516	16,432
1968	23,193	6,882	16,311
1969	24,232	6,791	17,441
1970	26,969	7,063	19,906
1971	27,552	7,245	20,307
1972	26,911	7,323	19,588
1973	27,980	7,576	20,404
1974	29,945	7,380	22,565
1975	31,667	7,519	24,148
1976	35,310	7,472	27,838
1977	37,956	7,612	30,344
1978	38,811	7,871	30,940

Source: Bureau of Health Statistics, Utah State Department of Health, Salt Lake City, 1979.

Total net migration for each county is derived by multiplying the county student migration estimate by the county population-to-student ratio. This ratio is defined as the total population of the county for the previous year divided by the school enrollment of grades one through eight of the previous year. Table 4 shows, for each county, the student and total migration for 1979, and natural increase for 1979.

The preliminary population estimate is finally obtained by adding the annual natural increase to the estimated net migration and then adding this sum to the previous year's estimate. In the case of the 1979 estimate, 12 months of natural increase and net migration were added to the July 1, 1978 figure to obtain the July 1, 1979 estimate.

The school enrollment method as described above is somewhat limited in estimating migration among the retired, college students, single persons, and other groups that are not represented in school enrollment estimates. The Utah Population Work Committee, therefore, supplements its estimates with other migration indicators such as L.D.S. membership and the periodic count of employees on nonagricultural payrolls.

L.D.S. Membership Method

The L.D.S. Church annually audits its records and enumerates the number of members residing in each county of the state. This information is supplied to the Utah Population Work Committee which uses it to make current population estimates. The L.D.S. membership method uses a total population to L.D.S. membership ratio which is obtained by dividing the previous year's population by the L.D.S. membership of that year. This ratio is applied to the current L.D.S. membership to obtain a county population estimate. This method is relatively accurate in areas where the L.D.S. membership is over 75 percent of the population. In 1979 the L.D.S. method gave a slightly higher state total population estimate than the school enrollment method. The stabilization of year-to-year Church population changes is continuing to improve, and in recent years the estimates have been given nearly equal weight with the school enrollment method in producing county estimates in Utah.

Work Force Method

The work force method utilizes the employment data collected by the Utah Department of Employment Security as an indicator of population change. The year-over growth in the number of employees on nonagricultural payrolls is applied to the total population of the previous year to obtain state and county population estimates. This method employs the basic assumptions that (1) relative growth in nonagricultural payroll jobs and population are the same; and (2) economic conditions remain relatively stable from year to year. In periods of economic boom this method will over-estimate population and in periods of economic decline the reverse occurs. Another important assumption is that people live and work in the same county. With the high mobility of the work force in some Wasatch Front counties, this assumption may not be valid. Because of the above-mentioned weaknesses, the estimates provided by this method are subject to wide fluctuation. The work force ratio method is used only as a supplement to the L.D.S. membership and school enrollment methods.

Table 5 contains the results of each method used in arriving at the preliminary 1979 county population estimates. An average of the L.D.S. membership and school enrollment method is found in column six from which the Utah Population Work Committee basically obtained its estimate. Column seven contains the preliminary 1979 population estimates, as agreed upon by the Utah Population Work Committee.

Table 4

COMPONENTS OF POPULATION CHANGE IN UTAH COUNTIES FROM 1978 TO 1979 AS SHOWN BY THE SCHOOL ENROLLMENT METHOD

County	Revised July 1, 1978 Estimate	1978 Grades 1-8	Grades 2-9 Expected	1979 Grades 2-9	Net Student Migration	Net Total Migration	Natural Increase[a]	July 1, 1979 Population Estimate
Total	1,317,000	202,341	201,904	204,175	2,271	14,800	32,162	1,363,962
Beaver	4,300	607	606	616	+10	71	83	4,456
Box Elder	32,100	5,004	4,999	5,041	42	269	647	33,029
Cache	53,600	6,929	6,923	6,965	42	325	1,361	55,307
Carbon	21,300	2,966	2,963	2,922	–41	–294	436	21,450
Daggett	800	118	118	118	–	–	12	812
Davis	130,000	23,004	22,983	23,579	596	3,368	3,295	136,716
Duchesne	11,700	2,171	2,169	2,126	–43	–252	347	11,820
Emery	10,100	1,710	1,708	1,780	+72	425	293	10,822
Garfield	3,800	517	517	508	–9	–66	45	3,783
Grand	8,000	1,226	1,225	1,170	–55	–359	155	7,799
Iron	16,400	2,459	2,457	2,523	66	440	397	17,244
Juab	5,700	879	878	867	–11	–71	115	5,746
Kane	4,000	649	648	616	–32	–197	58	3,862
Millard	8,700	1,411	1,410	1,424	14	86	174	8,963
Morgan	5,100	859	858	889	31	184	77	5,365
Piute	1,400	197	197	216	19	135	14	1,550
Rich	1,800	261	261	270	9	62	39	1,902
Salt Lake	544,000	83,176	83,101	83,452	351	2,262	12,414	558,923
San Juan	14,100	1,923	1,921	2,015	94	689	253	15,048
Sanpete	14,300	2,045	2,043	2,117	74	517	215	15,038
Sevier	14,400	1,893	1,891	1,953	62	472	282	15,160
Summit	8,000	1,368	1,367	1,458	91	532	169	8,704
Tooele	24,600	4,165	4,161	4,112	–49	–289	489	24,810
Uintah	18,600	3,157	3,154	3,196	42	247	499	19,353
Utah	189,000	28,441	28,415	28,917	502	3,336	6,907	199,320
Wasatch	7,700	1,289	1,288	1,262	–26	–155	133	7,681
Washington	20,600	3,460	3,457	3,708	251	1,494	543	22,646
Wayne	1,900	279	279	276	–3	–20	29	1,910
Weber	141,000	19,954	19,936	20,079	143	1,010	2,678	144,744

[a]Provisional.

Table 5

PRELIMINARY JULY 1, 1979 COUNTY POPULATION ESTIMATES USING L.D.S., WORK FORCE, AND SCHOOL ENROLLMENT METHODS

County	1978 Revised Estimates[a]	1979 L.D.S. Membership Method	1979 Work Force Method	1979 Natural Increase[b]	1979 School Enrollment Method	1979 L.D.S. Membership School Enrollment Average	1979 Preliminary Estimate
Total	1,317,000	1,366,353	1,388,830	32,162	1,363,962	1,365,158	1,367,000
Beaver	4,300	4,296	4,380	83	4,456	4,376	4,400
Box Elder	32,100	33,020	35,170	647	33,029	33,024	33,000
Cache	53,600	55,540	55,630	1,361	55,307	55,423	55,000
Carbon	21,300	21,898	23,820	436	21,450	21,674	22,000
Daggett	800	801	790	12	812	806	800
Davis	130,000	136,814	137,200	3,295	136,716	136,765	137,000
Duchesne	11,700	12,054	11,550	347	11,820	11,937	11,900
Emery	10,100	10,834	10,740	293	10,822	10,828	10,800
Garfield	3,800	3,706	4,050	45	3,783	3,744	3,800
Grand	8,000	8,185	7,350	155	7,799	7,992	7,900
Iron	16,400	17,273	16,880	397	17,244	17,258	17,200
Juab	5,700	5,890	4,880	115	5,746	5,818	5,700
Kane	4,000	4,054	3,730	58	3,862	3,958	3,900
Millard	8,700	8,875	9,350	174	8,963	8,919	9,000
Morgan	5,100	5,176	5,510	77	5,365	5,270	5,300
Piute	1,400	1,460	1,320	14	1,550	1,505	1,500
Rich	1,800	1,814	2,550	39	1,902	1,858	1,900
Salt Lake	544,000	562,056	574,140	12,414	558,923	560,489	563,000
San Juan	14,100	14,725	14,970	253	15,048	14,886	15,000
Sanpete	14,300	14,657	14,690	215	15,038	14,847	14,800
Sevier	14,440	14,766	14,500	282	15,160	14,963	15,000
Summit	8,000	8,232	9,010	169	8,704	8,468	8,700
Tooele	24,600	24,569	26,290	489	24,810	24,689	24,800
Uintah	18,600	19,554	18,990	499	19,353	19,453	19,300
Utah	189,000	200,402	199,810	6,907	199,320	199,861	199,000
Wasatch	7,700	8,007	7,930	133	7,681	7,844	7,800
Washington	20,600	22,358	22,840	543	22,646	22,502	22,600
Wayne	1,900	2,099	1,950	29	1,910	2,004	1,900
Weber	141,000	143,238	147,160	2,678	144,744	143,991	144,000

[a]Utah Population Work Committee

[b]Provisional.

Table 6

POPULATION ESTIMATES FOR UTAH BY COUNTY FOR JULY 1, 1970, TO JULY 1, 1979

County	Final Annual 1970 Census	Revised July 1, 1970 Estimate	Revised July 1, 1971 Estimate	Revised July 1, 1972 Estimate	Revised July 1, 1973 Estimate	Revised July 1, 1974 Estimate	Revised July 1, 1975 Estimate	Revised July 1, 1976 Estimate	Revised July 1, 1977 Estimate	Revised July 1, 1978 Estimate	Preliminary July 1, 1979 Estimate
Total	1,059,537	1,066,000	1,095,000	1,128,000	1,150,000	1,179,000	1,203,000	1,232,000	1,270,000	1,317,000	1,367,000
Beaver	3,800	3,850	3,800	4,100	4,100	4,200	4,200	4,200	4,300	4,300	4,400
Box Elder	28,129	28,150	28,500	30,100	30,100	30,100	30,300	31,000	31,200	32,100	33,000
Cache	42,331	42,550	43,000	45,000	46,000	47,500	48,500	49,200	51,600	53,600	55,000
Carbon	15,647	15,750	16,100	16,500	17,000	17,000	18,500	19,400	20,500	21,300	22,000
Daggett	666	650	700	700	700	700	800	800	800	800	800
Davis	99,028	99,600	103,000	107,000	109,500	113,000	115,000	119,000	124,000	130,000	137,000
Duchesne	7,299	7,400	7,900	9,700	11,200	11,600	11,800	11,300	11,400	11,700	11,900
Emery	5,137	5,150	5,300	5,200	6,100	6,200	6,700	8,300	9,300	10,100	10,800
Garfield	3,157	3,150	3,200	3,100	3,100	3,300	3,400	3,500	3,600	3,800	3,800
Grand	6,688	6,600	6,300	6,200	6,300	6,500	6,500	6,900	7,300	8,000	7,900
Iron	12,177	12,300	12,900	13,200	13,600	14,000	14,400	14,800	15,600	16,400	17,200
Juab	4,574	4,600	4,600	4,500	5,000	5,200	5,200	5,300	5,600	5,700	5,700
Kane	2,421	2,450	2,500	2,700	3,200	3,300	3,500	3,600	3,800	4,000	3,900
Millard	6,988	7,050	7,200	7,700	7,700	7,900	8,000	8,200	8,400	8,700	9,000
Morgan	3,983	4,050	4,100	4,400	4,500	4,600	4,700	4,800	4,900	5,100	5,300
Piute	1,164	1,150	1,100	1,100	1,200	1,200	1,300	1,300	1,400	1,400	1,500
Rich	1,615	1,600	1,600	1,500	1,500	1,600	1,600	1,600	1,700	1,800	1,900
Salt Lake	458,607	461,500	473,500	482,000	488,000	500,000	508,000	518,000	532,000	544,000	563,000
San Juan	9,606	9,700	10,200	10,700	10,700	10,800	11,200	12,200	13,000	14,100	15,000
Sanpete	10,976	11,000	11,200	11,900	12,400	12,500	12,500	12,800	13,400	14,300	14,800
Sevier	10,103	10,150	10,500	10,900	11,800	12,400	12,800	13,100	13,700	14,400	15,000
Summit	5,879	5,900	6,000	6,100	6,500	6,500	6,600	7,000	7,200	8,000	8,700
Tooele	21,545	21,600	22,100	22,000	22,300	23,000	23,000	23,700	24,300	24,600	24,800
Uintah	12,684	12,800	13,300	14,400	15,200	16,000	17,000	17,300	18,000	18,600	19,300
Utah	137,776	139,300	144,600	150,000	155,000	160,000	166,000	171,000	177,000	189,000	199,000
Wasatch	5,863	5,950	6,200	6,500	6,500	6,500	6,700	7,000	7,300	7,700	7,800
Washington	13,669	13,900	14,900	16,000	16,000	16,500	17,200	18,000	19,200	20,600	22,600
Wayne	1,483	1,450	1,500	1,500	1,600	1,600	1,600	1,700	1,800	1,900	1,900
Weber	126,542	126,700	128,800	133,000	134,000	135,000	136,000	137,000	138,000	141,000	144,000

Note: Estimates were prepared by the Utah Population Work Committee.

Utah Business Statistics

Statewide Statistical Data	July 1979	June 1979	July 1978	% Chg. From Year Ago	12 Mo. Average Ending July 1979	12 Mo. Average Ending July 1978	% Chg.
Agriculture							
Cash Receipts from Farm Marketings (thous. of dol.)[a]	40,968	37,263	28,936	41.6	39,327	31,168	26.2
Livestock and Livestock Products (thous. of dol.)	29,460	28,708	21,404	37.6	30,192	24,249	24.5
Crops (thous. of dol.)	11,508	8,555	7,532	52.8	9,134	6,919	32.0
Avg. Prices Rec'd by Farmers (15th of each mo.)(dol.):							
Beef Steers and Heifers (cwt)(thou.)	66.8	68.5	51.7	29.2	65.0	43.9	48.1
Lambs (cwt)	59.9	61.4	56.4	6.2	61.7	55.6	11.0
Turkeys (per lb.)	.410	.450	.470	−12.8	0.5	.40	25.0
Milk, Wholesale (cwt)	11.3	11.3	9.85	14.7	11.2	9.7	15.5
Alfalfa Hay, Baled (per ton)	52.5	53.0	47.5	10.5	49.5	53.8	−8.0
Livestock Slaughtered (live weight):							
Cattle (thous. of lbs.)	14,940	16,412	16,953	−11.9	17,189	20,744	−17.1
Calves (thous. of lbs.)	–	–	–	–	–	–	–
Sheep and Lambs (thous. of lbs.)	211	226	188	12.2	215.9	228	−5.3
Hogs and Pigs (thous. of lbs.)	2,125	2,318	1,827	16.3	2,131	2,096	1.7
Finance							
Loans, Total, Utah Member Banks (mil. of dol.)[a]	3,020	3,094	2,811	7.4	2,963	2,617	13.2
Investments, Total, Utah Member Banks (mil. of dol.)[a]	829	826	756	9.7	819	744	10.1
Deposits, Total, Utah Member Banks (mil. of dol.)[a]	3,772	3,789	3,566	5.8	3,718	3,329	11.7
Demand Deposits of Banks, Total, Utah (mil. of dol.)[a]	63	61	65	−3.1	54.8	54	1.5
Other Demand Deposits, Total, Utah (mil. of dol.)[a]	1,191	1,172	1,180	0.9	1,149	1,095	4.9
Time Deposits, Total, Utah (mil. of dol.)[a]	2,518	2,555	2,321	8.5	2,515	2,182	15.3
Savings, Savings and Loan Association (mil. of dol.)[b]	1,630.9	1,622.6	1,426.0	14.4	1,537.1	1,404.7	9.4
Sale of U.S. Savings Bonds–Series E & H (thous. of dol.)	2,900.0	2,319.0	2,300.7	26.0	2,329.9	2,791.7	−16.5
New Corporations (no.)	392	411	398	−1.5	409.5	383	6.9
Tax Collections by the State of Utah (thous. of dol.)							
Total Tax Collections	132,949.1	40,449.6	21,433.0	53.7	68,313.7	57,351.0	19.1
Sales & Use Tax	3,221.4	48,077.4	5,462.8	−41.0	29,936.2	26,551.9	12.7
Motor Fuel Tax	5,776.3	4,048.9	2,428.8	137.8	5,621.0	4,095.3	37.3
Individual Income Tax	11,541.6	20,095.1	8,888.1	29.9	22,452.1	18,418.3	21.9
Corporation Franchise Tax	1,994.6	1,179.8	1,093.2	82.5	3,230.1	2,731.7	18.2
Employment							
Civilian Labor Force (thous.)[c]	626.6	636.1	590.5	6.1	608.0	571.2	6.4
Total Employed Persons	593.8	601.9	560.2	6.0	579.8	543.6	6.7
Unemployed	32.7	34.2	30.3	7.9	28.2	27.6	2.2
Percent Total Labor Force	5.2	5.4	5.1	2.0	4.6	4.8	−4.2
Employees on Nonagricultural Payrolls (thous. of jobs)	550.6	561.6	518.7	6.1	543.7	509.3	6.8
Manufacturing	85.9	85.6	80.8	6.3	83.4	77.2	8.0
Mining	18.0	17.9	16.6	8.4	17.1	15.3	11.8
Contract Construction	39.7	40.1	37.6	5.6	36.2	34.2	5.8
Transportation, Communication and Utilities	35.1	35.1	32.3	8.7	33.2	30.6	8.5
Wholesale Trade	35.3	35.5	32.1	10.0	33.3	30.2	10.3
Retail Trade	98.9	100.2	94.6	4.5	98.4	93.3	5.5
Finance, Insurance and Real Estate	26.1	26.4	24.5	6.5	25.1	23.6	6.4
Services[d]	99.4	98.9	90.1	10.3	95.8	87.5	9.5
Federal Government	37.1	37.2	37.7	−1.6	37.0	36.8	0.5
State Government[e]	29.4	29.1	29.7	−1.0	32.0	30.8	3.9
Local Government[e]	45.8	55.5	48.8	−6.1	53.8	49.7	8.2
Average Weekly Hours:							
Manufacturing	38.8	38.6	39.1	−0.8	39.1	39.8	−1.8
Mining	42.5	41.6	41.5	2.4	42.0	42.5	−1.2
Contract Construction	37.6	38.0	39.1	−3.8	37.7	41.0	−8.0
Wholesale Trade	38.7	38.0	38.3	1.0	37.4	36.2	3.3
Retail Trade	28.9	27.9	28.6	1.0	28.0	29.1	−3.8
Amount of Unemployment Comp. (thous. of dol.)	3,113.9	2,820.1	2,340.8	33.0	3,833.4	3,210.2	19.4
Construction							
Total Construction (thous. of dol.)	197,427	182,024	131,618	50.0	120,572	103,164	16.9
Residential	78,789	83,998	62,806	25.4	62,234	58,487	6.4
Nonresidential	100,268	75,687	54,580	83.7	42,952	33,088	29.8
Public Works and Utilities	18,370	22,339	14,232	29.1	15,386	11,712	31.4
Total Permit Construction (thous. of dol.)[f]	105,545.2	126,498.4	95,808.4	10.2	97,962.4	94,093.2	4.1
Residential	68,015.1	71,399.3	64,300.0	5.8	57,137.6	64,411.5	−11.3
Nonresidential	31,476.1	48,723.7	25,620.1	22.9	34,579.0	23,710.2	45.8
Additions, Alterations and Repairs	6,054.0	6,375.4	5,888.3	2.8	5,965.8	5,971.5	−0.1
New Dwelling Units (no.)	1,729	1,805	1,927	−10.3	1,533.5	1,963.2	−21.9
Tourism/Travel							
Air Passengers (total no. on and off)	417,894	415,805	406,416	2.8	375,907.5	333,572	12.7
Highway Traffic Count Across State Lines	51,059	46,988	63,421	−19.5	39,430	41,438	−4.8
Transient Room Taxes (thous. of dol.)	1.4	447.3	39.9	−96.5	171.8	145.3	18.2
Visits, State, Nat'l. Parks, Monuments (thous.)	2,322.1	2,089.7	2,581.5	−10.0	1,060.4	1,140.6	−7.0
General							
New Cars and Truck Sales	na	na	na	–	na	na	–
C.P.I. (National Index – 1967=100)	218.9	216.6	196.7	11.3	206.9	188.1	10.0
Telephones in Service. (Business)	73,742	na	70,125	5.2	na	68,377	–
Telephones in Service. (Residential)	392,375	na	373,153	5.2	na	368,817	–
Electric Customers (Commercial)	31,726	31,711	30,407	4.3	31,261	29,227	7.0
Electric Customers (Residential)	340,233	339,354	324,403	4.9	334,790	317,961	5.3
Natural Gas Customers (Residential & Commercial)	447,767	450,976	428,717	4.4	445,825	423,955	5.2
Natural Gas Customers (Industrial)	843	859	895	−5.8	927.7	959	−3.3
Production							
Net Electric Power Utilized (mil. of kwh)	1,068.9	1,037.5	1,003.0	6.6	881.5	881.3	0
Crude Oil to Refineries (thous. of bbls.)	5,018.9	4,907.3	5,644.6	−11.1	5,085.9	5,154.9	−1.3
	(June '79)	(May '79)	(June '78)		(June '79)	(June '78)	
Crude Oil Production (thous. of bbls.)	2,179.9	2,285.4	2,985	−27.0	2,783.9	2,809.4	−0.9
Natural Gas Production (mil. of cu. ft.)	5,549.6	5,912.6	6,044	−8.2	6,249.8	6,705.9	−6.8
Coal (thous. short tons)	1,197	1,028	864	38.5	984.8	759	29.7
Copper (thous. metric tons)[g]	17,601	17,012	16,647	5.7	15,016.5	15,853	−5.3

Utah Business Statistics

MULTI-COUNTY PLANNING DISTRICT STATISTICAL DATA	July 1979	June 1979	July 1978	% Chg. From Year Ago	12 Mo. Average Ending July 1979	July 1978	% Chg.
Wasatch Front (Salt Lake, Tooele, Davis, Weber, Morgan Counties)							
Non-Ag. Employment (thous.)*	394.2	399.9	371.6	6.1	387.9	363.2	6.8
Auth. Permit Construction (mil. of dol.)	70.9	88.7	57.7	22.9	64.1	61.0	5.1
New Dwelling Units	1,062	1,140	1,083	−1.9	979.3	1,253	−21.8
Postal Receipts (thous.)	4,077.4	3,714.0	3,644.5	11.9	4,386.0	3,577.9	22.6
Electric Customers (Residential)	261,190	260,666	249,357	4.7	257,210	245,071	5.0
Electric Customers (Commercial)	20,697	20,661	19,710	5.0	20,352	19,077	6.7
Natural Gas Customers (Residential)	265,126	266,543	251,660	5.4	262,463	248,677	5.5
Natural Gas Customers (Industrial)	427	438	455	−6.2	476.7	489	−2.5
Department Store Sales (mil. of dol.)	23,312	24,330	23,327	−0.1	25,797	24,827	3.9
Salt Lake City							
Non-Ag. Employment (Salt Lake and Tooele) (thous.)*	285.5	298.2	279.4	2.2	285.5	269.7	5.9
Auth. Permit Construction (mil. of dol.)*	18.6	15.7	4.6	304.3	10.8	7.4	45.9
New Dwelling Units	161	12	22	631.8	60.7	72	−15.7
Postal Receipts (thous.)	3,414.4	3,056.2	3,056.9	11.7	3,616.6	2,950.9	22.6
Natural Gas Customers (Residential)	55,976	56,796	55,422	1.0	56,679	55,713	1.7
Natural Gas Customers (Industrial)	161	161	172	−6.4	178.5	180	−0.8
Telephones in Service. (Business)h	40,950	na	39,065	4.8	na	38,157	–
Telephones in Service. (Residential)h	202,541	na	193,223	4.8	na	189,767	–
Ogden							
Non-Ag. Employment (Weber, Morgan, Davis) (thou.)	92.9	97.2	88.7	4.7	93.3	90.0	3.7
Auth. Permit Construction (mil. of dol.)*	1.5	15.7	2.3	−34.8	5.8	2.7	114.8
New Dwelling Units	6	87	27	−77.8	42.0	29	44.8
Postal Receipts	335.4	291.7	277.8	20.7	343.2	281.6	21.9
Natural Gas Customers (Residential)	21,100	21,132	20,841	1.2	21,178	21,034	0.7
Natural Gas Customers (Industrial)	56	59	63	−11.1	63.0	70	−10.0
Telephones in Service. (Business)i	6,798	na	6,394	6.3	na	6,383	–
Telephones in Service. (Residential)i	41,638	na	40,191	3.6	na	39,790	–
Mountainland (Utah, Wasatch, Summit Counties)							
Non-Ag. Employment (thous.)*	66.4	69.7	62.2	6.8	68.9	64.3	7.2
Auth. Permit Construction (mil. of dol.)*	16.7	16.7	15.1	10.6	17.4	17.0	2.4
New Dwelling Units	377	338	290	30.0	286.5	382.1	−25.0
Postal Receipts (thous.)	489.5	505.1	454.9	7.6	538.0	406.5	32.3
Electric Customers (Residential)	31,200	31,038	29,327	6.4	30,694.1	28,612	7.3
Electric Customers (Commercial)	2,894	2,907	2,713	6.7	2,841	2,625	8.2
Natural Gas Customers (Residential)	55,158	55,341	51,920	6.2	54,789	51,254	6.9
Natural Gas Customers (Industrial)	90	90	92	−2.2	96	98	−2.2
Provo							
Non-Ag. Employment (thous.) (Utah Co.)*	61.3	64.2	57.2	7.2	73.1	59.1	23.7
Auth. Permit Construction (mil. of dol.)*	1.7	3.7	4.3	−60.5	5.0	2.5	100.0
New Dwelling Units	33	79	83	−60.2	75.3	65	15.8
Postal Receipts (thous.)	278.4	304.8	276.0	0.9	318.6	248.8	28.1
Natural Gas Customers (Residential)	14,449	14,538	13,868	4.2	14,460	13,843	4.5
Natural Gas Customers (Industrial)	44	44	47	−6.4	46.8	47	−0.4
Telephones in Service. (Business)i	6,057	na	5,997	1.0	na	5,804	–
Telephones in Service. (Residential)i	34,946	na	32,992	5.9	na	34,085	–
Central Utah (Juab, Millard, Sanpete, Sevier, Piute, Wayne Counties)							
Non-Ag. Employment (thous.)*	13.1	13.5	12.3	6.5	12.7	11.7	8.5
Auth. Permit Construction (mil. of dol.)	2.0	2.2	2.0	0.0	2.2	2.1	4.8
New Dwelling Units	36	46	54	−33.3	43.5	43	1.2
Postal Receipts (thous.)	69.6	63.1	63.6	9.4	69.8	61.1	14.2
Electric Customers (Residential)	8,733	8,685	8,353	4.5	8,558	8,197	4.4
Electric Customers (Commercial)	1,895	1,910	1,926	−1.6	1,911	1,830	4.4
Uintah Basin (Duchesne, Daggett, Uintah Counties)							
Non-Ag. Employment (thous.)*	10.9	11.6	10.2	6.9	10.9	10.0	9.0
Auth. Permit Construction (mil. of dol.)	2.2	1.7	3.7	−40.5	2.4	2.0	20.0
New Dwelling Units	35	38	38	−7.9	32	35.3	−9.9
Postal Receipts (thous.)	44.3	43.5	41.1	7.8	46.9	32.5	44.3
Electric Customers (Residential)	4,708	4,668	4,436	6.1	4,565	4,284	6.6
Electric Customers (Commercial)	751	761	729	3.0	741	681	8.8
Natural Gas Customers (Residential)	5,000	5,096	4,954	0.9	5,142	4,983	3.2
Natural Gas Customers (Industrial)	8	7	8	0.0	8	9	−11.1
Bear River (Box Elder, Cache, Rich Counties)							
Non-Ag. Employment (thous.)*	29.6	30.7	28.2	5.0	30.1	28.5	5.6
Auth. Permit Construction (mil. of dol.)	5.4	4.5	8.6	−37.2	4.5	4.5	0.0
New Dwelling Units	89	97	100	−11.0	68.4	97.3	−29.7
Postal Receipts (thous.)	173.2	187.6	181.5	−4.6	202.4	156.8	29.8
Electric Customers (Residential)	13,769	13,677	13,196	4.3	13,522	12,993	4.1
Electric Customers (Commercial)	1,694	1,696	1,653	2.5	1,675	1,610	4.1
Natural Gas Customers (Residential)	22,998	23,489	22,299	3.1	23,081	22,216	3.9
Natural Gas Customers (Industrial)	46	47	47	−2.1	47.9	48	−0.2
Southeastern (Carbon, Emery, Grand, San Juan Counties)							
Non-Ag. Employment (thous.)*	19.9	20.1	18.7	6.4	19.2	17.2	11.6
Auth. Permit Construction (mil. of dol.)	6.9	3.7	3.2	115.6	2.7	3.4	−20.6
New Dwelling Units	36	52	79	−54.4	32	45.7	−29.5
Postal Receipts (thous.)	na	na	na	–	na	na	–
Electric Customers (Residential)	10,508	10,493	9,974	5.4	10,320	9,666	6.8
Electric Customers (Commercial)	1,389	1,391	1,339	3.7	1,374	1,280	7.4
Natural Gas Customers (Residential)	7,960	8,041	7,753	2.7	8,033	7,775	3.3
Natural Gas Customers (Industrial)	11	13	11	0.0	12	12	0.0
Southwestern (Beaver, Iron, Washington, Garfield, Kane Counties)							
Non-Ag. Employment (thous.)*	16.4	16.3	15.5	5.8	15.7	14.7	6.8
Auth. Permit Construction (mil. of dol.)	6.9	4.8	7.5	−8.0	4.8	4.2	14.3
New Dwelling Units	117	118	283	−58.7	89.0	106.8	−16.7
Postal Receipts (thous.)	92.0	91.4	85.5	7.6	95.9	70.3	36.4
Electric Customers (Residential)	10,125	10,127	9,760	3.7	9,924	9,136	8.6
Electric Customers (Commercial)	2,406	2,385	2,337	3.0	2,365	2,127	11.2

Utah Business Statistics

Statewide Statistical Data

	August 1979	July 1979	August 1978	% Chg. From Year Ago	12 Mo. Average Ending August 1979	12 Mo. Average Ending August 1978	12 Mo. Average Ending % Chg.
Agriculture							
Cash Receipts from Farm Marketings (thous. of dol.)*	41,330	40,968	32,899	25.6	40,030	31,268	28.0
Livestock and Livestock Products (thous. of dol.)	32,912	29,460	27,268	20.7	30,662	24,305	26.2
Crops (thous. of dol.)	8,418	11,508	5,631	49.5	9,366	6,963	34.5
Avg. Prices Rec'd by Farmers (15th of each mo.)(dol.):							
Beef Steers and Heifers (cwt)(thou.)	61.1	66.8	52.1	17.3	65.7	45.2	45.4
Lambs (cwt)	57.3	59.9	57.0	0.5	61.7	56.2	9.8
Turkeys (per lb.)	.430	.410	.490	−12.2	.500	.41	22.0
Milk, Wholesale (cwt)	11.4	11.3	10.2	11.8	11.3	9.8	15.3
Alfalfa Hay, Baled (per ton)	51.5	52.5	46.5	10.8	50.0	52.6	−4.9
Livestock Slaughtered (live weight):							
Cattle (thous. of lbs.)	15,665	14,940	21,188	−26.1	16,730	20,458	−18.2
Calves (thous. of lbs.)	38	0	17	123.5	9	31	−71.0
Sheep and Lambs (thous. of lbs.)	244	211	232	5.2	216.9	226	−4.0
Hogs and Pigs (thous. of lbs.)	2,738	2,125	1,855	47.6	2,205	1,889	16.7
Finance							
Loans, Total, Utah Member Banks (mil. of dol.)[a]	3,080	3,020	2,886	6.7	2,979	2,662	11.9
Investments, Total, Utah Member Banks (mil. of dol.)[a]	842	829	769	9.5	825	748	10.3
Deposits, Total, Utah Member Banks (mil. of dol.)[a]	3,723	3,772	3,612	3.1	3,727	3,376	10.4
Demand Deposits of Banks, Total, Utah (mil. of dol.)[a]	50	63	46	8.7	55	54	2.0
Other Demand Deposits, Total, Utah (mil. of dol.)[a]	1,135	1,191	1,187	−4.4	1,145	1,111	3.0
Time Deposits, Total, Utah (mil. of dol.)[a]	2,537	2,518	2,379	6.6	2,528	2,214	14.2
Savings, Savings and Loan Association (mil. of dol.)[b]	1,636.7	1,630.9	1,428.6	14.6	1,554	1,416.2	9.8
Sale of U.S. Savings Bonds—Series E & H (thous. of dol.)	2,000.1	2,900.0	2,395.3	−16.5	2,297	2,522.8	−9.0
New Corporations (no.)	408	392	386	5.7	411	386	6.6
Tax Collections by the State of Utah (thous. of dol.)							
Total Tax Collections	136,554.1	32,949.1	124,954.6	9.3	69,280	59,571.2	16.3
Sales & Use Tax	79,239.7	3,221.4	80,719.2	−1.8	29,813	27,773.8	7.3
Motor Fuel Tax	6,114.5	5,776.3	8,063.3	−24.2	5,458.6	4,345.8	25.6
Individual Income Tax	36,567.2	11,541.6	29,211.5	25.2	23,065	18,953.4	21.7
Corporation Franchise Tax	1,245.2	1,994.6	1,791.4	−30.5	3,184.6	2,778.7	14.6
Employment							
Civilian Labor Force (thous.)[c]	629.7	626.6	597.5	5.4	610.7	573.8	6.4
Total Employed Persons	598.0	593.8	566.8	5.5	582.4	546.5	6.6
Unemployed	31.7	32.7	30.8	2.9	28.3	27.3	3.7
Percent Total Labor Force	5.0	5.2	5.2	−3.8	4.6	4.7	−2.1
Employees on Nonagricultural Payrolls (thous. of jobs)	556.5	550.6	525.5	5.9	546.3	512.0	6.7
Manufacturing	87.3	85.9	82.1	6.3	83.8	77.6	8.0
Mining	18.0	18.0	16.8	7.1	17.2	15.4	11.7
Contract Construction	40.4	39.7	38.5	4.9	36.4	34.4	5.8
Transportation, Communication and Utilities	35.3	35.1	32.8	7.6	33.4	30.8	8.4
Wholesale Trade	35.5	35.3	32.4	9.6	33.6	30.5	10.2
Retail Trade	99.7	98.9	96.0	3.9	98.7	93.8	5.2
Finance, Insurance and Real Estate	26.5	26.1	24.7	7.3	25.3	23.7	6.8
Services[d]	100.6	99.4	91.7	9.7	96.5	88.2	9.4
Federal Government	36.9	37.1	37.1	−0.5	37.0	36.9	0.3
State Government[e]	29.6	29.4	29.5	0.3	32.0	30.9	3.6
Local Government[e]	46.7	45.8	43.9	6.4	54.0	49.6	8.9
Average Weekly Hours:							
Manufacturing	39.2	38.8	38.9	0.8	39.1	39.7	−1.5
Mining	42.3	42.5	43.5	−2.8	41.9	42.6	−1.6
Contract Construction	36.4	37.6	38.8	−6.2	37.5	40.7	−7.6
Wholesale Trade	38.0	38.7	37.5	1.3	37.4	36.3	3.0
Retail Trade	28.9	28.9	28.9	0.0	28.0	29.1	−3.8
Amount of Unemployment Comp. (thous. of dol.)	3,113.9	2,861.1	2,808.7	10.9	3,858.8	3,175.2	21.5
Construction							
Total Construction (thous. of dol.)	113,347	197,427	120,794	−6.2	119,951	105,888	13.3
Residential	68,738	78,789	64,411	6.7	62,595	58,697	6.6
Nonresidential	36,844	100,268	39,480	−6.7	42,732	35,851	19.2
Public Works and Utilities	7,765	18,370	16,903	−54.1	14,625	11,463	27.6
Total Permit Construction (thous. of dol.)[f]	136,172.4	105,545.2	104,527.0	30.3	100,599.5	94,785.2	6.1
Residential	69,101.6	68,015.1	61,559.8	12.3	57,766.1	63,850.2	−9.5
Nonresidential	60,928.7	31,476.1	37,182.8	63.9	36,557.8	24,981.2	46.3
Additions, Alterations and Repairs	6,142.1	6,054.0	5,784.4	6.2	5,995.6	5,953.8	0.7
New Dwelling Units (no.)	1,946	1,729	1,812	7.4	1,545	1,920.9	−19.6
Tourism/Travel							
Air Passengers (total no. on and off)	463,036	417,894	445,337	4.0	377,382	339,570	11.1
Highway Traffic Count Across State Lines	53,766	51,059	60,726	−11.5	38,850	41,811	−7.1
Transient Room Taxes (thous. of dol.)	404.4	1.4	421.4	−4.0	170.4	149.7	13.8
Visits, State, Nat'l. Parks, Monuments (thous.)	1,785.6	2,322.1	2,173.8	−17.9	1,028.1	1,141.2	−9.9
General							
New Cars and Truck Sales	na	na	na	–	na	na	–
C.P.I. (National Index — 1967=100)	221.1	218.9	197.8	11.8	208.8	190.0	9.9
Telephones in Service. (Business)	74,312	73,742	70,616	5.2	na	68,711	–
Telephones in Service. (Residential)	395,131	392,375	375,585	5.2	na	370,436	–
Electric Customers (Commercial)	31,758	31,726	30,531	4.0	31,363.3	29,415	6.6
Electric Customers (Residential)	341,286	340,233	325,497	4.9	336,106	318,886	5.4
Natural Gas Customers (Residential & Commercial)	446,680	447,767	426,367	4.8	447,518	425,402	5.2
Natural Gas Customers (Industrial)	875	843	938	−6.7	923	957	−3.6
Production							
Net Electric Power Utilized (mil. of kwh)	972.0	1,068.9	893.7	8.8	888.0	880.7	0.8
Crude Oil to Refineries (thous. of bbls.)	4,890.4	5,018.9	5,564.4	−12.1	5,029.7	5,167.4	−2.7
	(July '79)	(June '79)	(July '78)		(July '79)	(July '78)	
Crude Oil Production (thous. of bbls.)	2,206.5	2,179.9	2,933	−24.8	2,723.4	2,823.8	−3.6
Natural Gas Production (mil. of cu. ft.)	5,742.2	5,549.6	5,755	−0.2	6,248.7	6,662.2	−6.2
Coal (thous. short tons)	818	1,197	1,006	−18.7	969.1	782	23.9
Copper (thous. metric tons)[g]	16,149	17,601	9,098	77.5	15,604.1	15,853	−1.6

Utah Business Statistics

MULTI-COUNTY PLANNING DISTRICT STATISTICAL DATA	August 1979	July 1979	August 1978	% Chg. From Year Ago	12 Mo. Average Ending August 1979	12 Mo. Average Ending August 1978	% Chg.
Wasatch Front (Salt Lake, Tooele, Davis, Weber, Morgan Counties)							
Non-Ag. Employment (thous.)*	398.2	394.2	376.0	5.9	389.8	365.1	6.8
Auth. Permit Construction (mil. of dol.)	70.4	88.7	60.1	17.1	65.0	60.5	7.4
New Dwelling Units	1,226	1,140	1,173	4.5	983.7	1,222	−19.5
Postal Receipts (thous.)	3,778.5	4,077.4	3,854.2	−2.0	4,379.7	3,602.9	21.6
Electric Customers (Residential)	261,717	261,190	250,059	4.7	258,182	245,528	5.2
Electric Customers (Commercial)	20,724	20,697	19,799	4.7	20,429	19,194	6.4
Natural Gas Customers (Residential)	264,292	265,126	249,640	5.9	263,683	249,576	5.7
Natural Gas Customers (Industrial)	448	427	479	−6.5	474.1	488	−2.8
Department Store Sales (mil. of dol.)	28,071	23,312	27,036	3.8	25,883	24,954	3.7
Salt Lake City							
Non-Ag. Employment (Salt Lake and Tooele)(thous.)*	299.6	285.5	282.2	6.2	287.0	270.9	5.9
Auth. Permit Construction (mil. of dol.)*	10.4	18.6	6.7	55.2	11.1	7.4	50.0
New Dwelling Units	57	161	17	235.3	64.0	69	−7.2
Postal Receipts (thous.)	3,136.6	3,414.4	3,244.1	−3.3	3,607.6	2,974.8	21.3
Natural Gas Customers (Residential)	55,796	55,976	55,202	1.1	56,729	55,774	1.7
Natural Gas Customers (Industrial)	164	161	180	−8.9	177.2	180	−1.6
Telephones in Service. (Business)h	41,185	40,950	39,302	4.8	na	38,335	–
Telephones in Service. (Residential)h	204,240	202,541	194,558	5.0	na	190,578	–
Ogden							
Non-Ag. Employment (Weber, Morgan, Davis)(thou.)	93.7	92.9	89.4	4.8	93.7	90.3	3.8
Auth. Permit Construction (mil. of dol.)*	6.4	1.5	3.1	106.5	6.1	2.9	110.3
New Dwelling Units	30	6	40	−25.0	41.2	31	32.9
Postal Receipts	286.8	335.4	276.0	3.9	344.1	280.8	77.5
Natural Gas Customers (Residential)	20,855	21,100	20,740	0.6	21,187.6	21,034	0.7
Natural Gas Customers (Industrial)	60	56	65	−7.7	62.6	69	−9.3
Telephones in Service. (Business)i	6,854	6,798	6,460	6.1	na	6,394	–
Telephones in Service. (Residential)i	41,843	41,638	40,364	3.7	na	39,903	–
Mountainland (Utah, Wasatch, Summit Counties)							
Non-Ag. Employment (thous.)*	67.1	66.4	63.1	6.3	69.2	64.6	7.1
Auth. Permit Construction (mil. of dol.)	31.4	16.7	16.7	88.0	18.6	17.1	8.8
New Dwelling Units	398	377	294	35.4	295.2	374.4	−21.2
Postal Receipts (thous.)	492.1	489.5	440.0	11.8	542.3	408.3	32.8
Electric Customers (Residential)	31,473	31,200	29,636	6.2	30,847	28,817	7.0
Electric Customers (Commercial)	2,914	2,894	2,722	7.1	2,857	2,645	8.0
Natural Gas Customers (Residential)	55,303	55,158	51,942	6.5	55,069	51,558	6.8
Natural Gas Customers (Industrial)	92	90	97	−5.2	95.6	98	−2.4
Provo							
Non-Ag. Employment (thous.) (Utah Co.)*	62.1	61.3	58.1	6.9	64.0	59.4	7.7
Auth. Permit Construction (mil. of dol.)*	2.1	1.7	4.5	−53.3	4.8	2.8	71.4
New Dwelling Units	34	33	91	−62.6	70.6	69	2.3
Postal Receipts (thous.)	270.7	278.4	261.4	3.6	319.4	249.9	27.8
Natural Gas Customers (Residential)	14,645	14,449	13,903	5.3	14,522	13,900	4.5
Natural Gas Customers (Industrial)	43	44	48	−10.4	46.4	47	−1.3
Telephones in Service. (Business)i	6,152	6,057	6,079	1.2	na	5,843	–
Telephones in Service. (Residential)i	35,606	34,946	33,295	6.9	na	34,261	–
Central Utah (Juab, Millard, Sanpete, Sevier, Piute, Wayne Counties)							
Non-Ag. Employment (thous.)*	13.0	13.1	12.2	6.6	12.8	11.8	8.5
Auth. Permit Construction (mil. of dol.)	3.1	2.0	2.4	29.2	2.3	2.1	9.5
New Dwelling Units	57	36	67	−14.9	42.7	44.3	−3.6
Postal Receipts (thous.)	60.9	69.6	60.7	0.3	69.8	61.8	12.9
Electric Customers (Residential)	8,762	8,733	8,393	4.4	8,589	8,223	4.4
Electric Customers (Commercial)	1,881	1,895	1,914	−1.7	1,908	1,843	3.5
Uintah Basin (Duchesne, Daggett, Uintah Counties)							
Non-Ag. Employment (thous.)*	11.8	10.9	11.0	7.3	11.0	10.1	8.9
Auth. Permit Construction (mil. of dol.)	11.5	2.2	1.4	721.4	3.2	1.9	68.4
New Dwelling Units	28	35	27	3.7	32.1	34.3	−6.4
Postal Receipts (thous.)	41.4	44.3	43.9	−5.7	46.7	33.2	40.7
Electric Customers (Residential)	4,725	4,708	4,467	5.8	4,587	4,312	6.4
Electric Customers (Commercial)	750	751	734	2.2	742.3	704	5.4
Natural Gas Customers (Residential)	4,981	5,000	4,987	−0.1	5,142	5,003	2.8
Natural Gas Customers (Industrial)	7	8	8	−12.5	8	9	−12.2
Bear River (Box Elder, Cache, Rich Counties)							
Non-Ag. Employment (thous.)*	29.9	29.6	28.5	4.9	30.2	28.6	5.6
Auth. Permit Construction (mil. of dol.)	7.1	5.3	15.9	−55.3	3.8	5.5	−30.9
New Dwelling Units	87	78	81	7.4	68.9	93.1	−26.0
Postal Receipts (thous.)	187.3	173.2	171.8	9.0	203.7	157.3	29.5
Electric Customers (Residential)	13,831	13,769	13,271	4.2	13,569	13,038	4.1
Electric Customers (Commercial)	1,708	1,694	1,650	3.5	1,680	1,616	3.9
Natural Gas Customers (Residential)	22,864	22,998	22,153	3.2	23,140	22,296	3.8
Natural Gas Customers (Industrial)	48	46	49	−2.0	48	48	−0.4
Southeastern (Carbon, Emery, Grand, San Juan Counties)							
Non-Ag. Employment (thous.)*	20.2	19.9	18.9	6.9	19.3	17.4	10.9
Auth. Permit Construction (mil. of dol.)	8.5	1.6	3.5	142.9	3.1	3.5	−11.4
New Dwelling Units	57	24	64	−10.9	31.4	47.8	−34.3
Postal Receipts (thous.)	na	na	na	–	na	na	–
Electric Customers (Residential)	10,524	10,508	9,969	5.6	10,366	9,739	6.4
Electric Customers (Commercial)	1,390	1,389	1,333	4.3	1,379	1,290	6.9
Natural Gas Customers (Residential)	7,944	7,960	7,791	2.0	8,046	7,802	3.1
Natural Gas Customers (Industrial)	13	11	12	8.3	12	12	0.8
Southwestern (Beaver, Iron, Washington, Garfield, Kane Counties)							
Non-Ag. Employment (thous.)*	16.6	16.4	15.7	5.7	15.8	14.8	6.8
Auth. Permit Construction (mil. of dol.)	4.1	6.9	4.5	−8.9	4.8	4.3	11.6
New Dwelling Units	93	117	106	−12.3	88	105.2	−16.4
Postal Receipts (thous.)	91.7	92.0	82.6	11.0	96.7	70.8	36.6
Electric Customers (Residential)	10,254	10,125	9,702	5.7	9,970.0	9,226	8.1
Electric Customers (Commercial)	2,391	2,406	2,379	0.5	2,356	2,140	10.6

THE UTAH POPULATION WORK COMMITTEE

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BUSINESS STATISTICS
Sources and Footnotes

Sources:

Agriculture farm marketings, livestock slaughter, farm prices: U.S. Department of Agriculture
Loans, Investments, deposits: Federal Reserve reports
Savings, Savings and Loan Association: Utah savings and loan institutions
U.S. Savings Bonds: U.S. Treasury Department
New Corporations: Utah Secretary of State
Tax Collections: Utah State Tax Commission
Employment data: Utah Department of Employment Security
Construction: Dodge Construction Statistics and BEBR
Air Passengers: Salt Lake International Airport, statistics service
Traffic Count: Utah Department of Transportation, Travel Analysis Unit
Visits to State and National Parks and Monuments: U.S. Forest Service; Utah State Parks and Recreation Department
Truck and car sales: Utah Automobile Dealers Registrations Service Company
Telephone, electric, natural gas customers: cooperating Utah utility companies
Net Electric Power Utilized: cooperating Utah power companies
Crude Oil to Refineries: cooperating Utah oil refineries
Copper production: U.S. Bureau of Mines
Coal production: U.S. Department of Energy
Oil and gas production: State of Utah Division of Oil, Gas and Mining

Footnotes:

* May not add to total due to rounding
[a] End of Period, includes member banks of Federal Reserve System
[b] As of the close of business on last day of the month
[c] Current year—preliminary data; previous year—final figures.
[d] Includes nonprofit and religious
[e] Includes public schools and colleges
[f] Total new construction plus additions, alterations and repairs
[g] Beginning January 1979, data reported in metric tons; to convert metric tons to short tons, multiply by 1.10231
[h] Incliudes Salt Lake County and Bountiful
[i] Includes Weber and Morgan Counties
[j] Includes Orem and Springville
r revised
x increase from zero or decrease to zero
na not available

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